Cyber Square®
PROFESSIONAL

where your IT work experience starts

CS INTERNATIONAL CERTIFIED FRONTEND DEVELOPER (ANGULAR)

COURSE BROCHURE

Duration: 3 Months

Lecture sessions: 36 Hands on
Assignments/projects Soft Skill Sessions
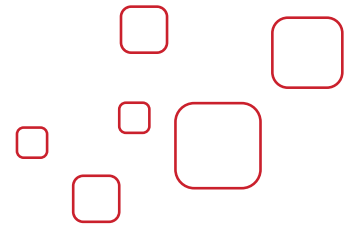
200 Institutes **12** Countries **1M** Students

Empowering Tomorrow's High–Paying workforce with Internship–Driven Industry Experience

STEM.ORG
ACCREDITED™
EDUCATIONAL EXPERIENCE

ORAY
EDUCATION

https://cybersquare.pro/

About Cyber Square Professional

Immerse yourself in a unique learning experience where the virtual meets the real-world. Our courses go beyond conventional training, simulating a dynamic working environment that mirrors a global software company. Interns, dispersed worldwide, collaborate seamlessly on real projects, bringing the virtual workspace to life.

This international exposure not only sharpens the technical skills but also instills the collaborative spirit needed in today's interconnected software development landscape. Soft skills sessions are also seamlessly integrated, ensuring a holistic learning experience. Get ready to thrive in a virtual company setting, acquiring invaluable experience that transcends geographical boundaries.

NP HARIS

Conceptualizer & CEO

OUR CEO'S MESSAGE

Dear Future Software Engineers,

For over 12 years, CyberSquare Professional has been a leader in technology training, dedicated to producing quality software engineers. Our experience has enabled us to create a unique learning experience that bridges the gap between academic learning and real-world industry demands.

Introducing CS Pro, our state-of-the-art virtual company environment hosted in the cloud. Here, interns from around the globe collaborate on real-world products, gaining invaluable hands-on experience.

In CyberSquare Pro, you join a project team, receive daily lectures, and work under a Product Owner (PO) and Scrum Master in a real Agile environment. You will actively contribute to product development, enhancing features based on backlogs and roadmaps.

We believe that working on actual projects in a real Agile environment is the best way to truly understand the role of a software engineer. This hands-on experience is unmatched and ensures you are well-prepared for your future job.
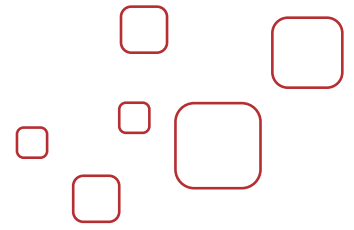
In addition to technical training, we focus on developing soft skills, human skills, and adhering to ethical standards in software development. This holistic approach ensures you are a well-rounded professional.

Join us at CyberSquare Pro and experience the most effective way to become a skilled software engineer. Let us help you build a successful career.

NP Haris

"Mastery in software development comes from hands-on experience. On-the-job training turns knowledge into skill and potential into excellence."

About the Course

Supercharge your web development process with our Certified Angular Development course. Angular stands as a robust front-end framework renowned for crafting dynamic and resilient web applications, and this program is meticulously crafted to unlock its full potential. From configuring your development environment to crafting sophisticated user interfaces, you'll embark on a comprehensive journey through Angular development, guided by hands-on projects and expert tutorials. By course completion, you'll emerge equipped with the knowledge and expertise to architect and execute intricate Angular applications, paving the way for a triumphant career in web development.
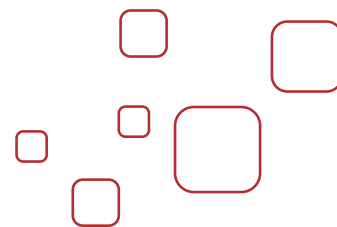
By the end of the course, you'll be able to apply in confidence for Angular programming jobs. And yes, this applies even if you have never programmed before. With the right skills which you will learn in this course, you can become employable and valuable in the eyes of future employers.

Angular remains at the forefront of front-end frameworks, empowering developers to craft dynamic and immersive web experiences. Proficiency in Angular development opens doors to a plethora of exciting career prospects, ensuring you stay ahead in the dynamic landscape of web development.
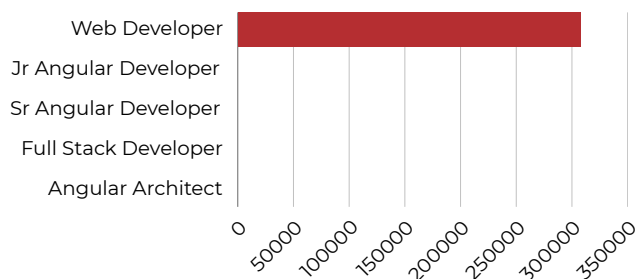
Reasons to Learn Angular

High Package

Angular has been one of the most widely used Web development framework in recent history. And statistics shows that Angular continues to remain consistently popular. Businesses and organizations that use Angular in their app development pipeline include many heavy-hitters such as Google (of course), Microsoft Office, GMail, Forbes, Delta, Deutsche Bank, PayPal, and Samsung.
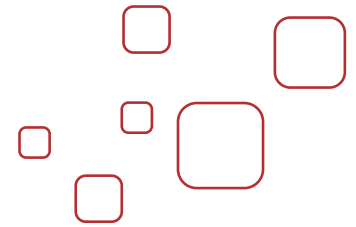
Average Annual Salary

Technical Advantages

Immerse yourself in Angular's expansive ecosystem, mastering advanced concepts such as two-way data binding, dependency injection, and reactive programming. Harness Angular's formidable features, including Angular CLI for streamlined project management, RxJS for asynchronous programming, and Angular Material for polished UI components. By leveraging these tools, you'll architect scalable and maintainable web applications, empowering you to deliver innovative solutions that resonate with clients and employers alike.

Who wants to hire Angular Developer?

Companies in different fields want to hire Angular expert developers, including technology, software development, and web development companies.

According to Indeed, ZipRecruiter, and the Bureau of Labor Statistics, Angular developers are in high demand and may earn a solid living. The national average annual income for an Angular developer is approximately $97,584, with compensation ranging from $78,000 to $123,000 per year, depending on geography and expertise.

Career Growth

Mastery of Angular can significantly boost your career trajectory, opening doors to senior and leadership roles within development teams. Angular developers often progress to positions such as lead developer, technical architect, or even CTO. This career growth is fueled by the advanced skills and knowledge gained from working with a sophisticated framework like Angular.

Performance and Efficiency

Angular is designed to optimize application performance through features like Ahead-of-Time (AOT) compilation and tree shaking. These optimizations lead to faster load times and a smoother user experience, which are critical for modern web applications. Efficient code management in Angular also means developers can build and maintain scalable applications more easily.

Cross-Platform Development

With Angular, you can develop applications for multiple platforms, including web, mobile, and desktop, providing a broader range of project opportunities.

Integration with Modern Technologies

Angular's design encourages the use of TypeScript, a superset of JavaScript that enhances code quality and maintainability. It also seamlessly integrates with RxJS for reactive programming and various backend technologies, making it a versatile tool in a developer's toolkit. This ability to work well with other modern technologies ensures that Angular developers can handle diverse and complex development scenarios.

Lucrative Salaries

The specialized nature of Angular development commands higher salaries compared to some other web development roles. Companies are willing to pay a premium for skilled Angular developers due to the complexity and importance of the applications they build. This financial incentive makes a career in Angular development highly attractive.
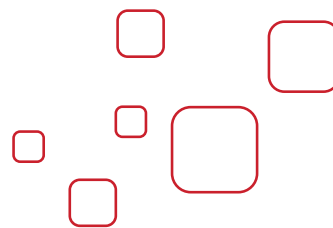
Who should take this course?

Angular for whom?

This course is perfect for aspiring web developers, experienced programmers, and tech enthusiasts looking to master Angular and elevate their web development skills.

- Beginners with no prior knowledge of Angular

- Individuals familiar with Angular basics seeking to master it

- Students eager to learn Angular

- Freelancers aiming to enhance their skill set

- Aspiring web developers, frontend developers, UI/UX designers, and those interested in Angular architecture

- Entrepreneurs looking to understand and leverage Angular for their projects

International Point System

Embark on a structured learning journey with our **International Point System**, an essential aspect of our internship placement process.

By integrating activities such as LinkedIn profile creation, StackOverflow participation, and project development, this system encourages a comprehensive development approach, preparing students for successful careers.

This system not only establishes a standardized evaluation process but also motivates students to excel in their internship, enhancing their preparedness for future professional endeavors. Embrace the International Point System and set yourself on the path to a rewarding placement experience.

Point Accumulation

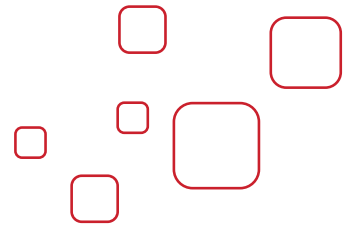Students earn points by successfully fulfilling the required tasks and objectives.

Mandatory Requirements

To be eligible for the placement process, students must complete a set of mandatory items outlined in our International Point System.

Minimum Required Points

Meeting the minimum required points is essential for students to qualify for the placement process. This ensures a fair and competitive environment.

Course content

Sprint 1

- LMS Introduction, account creation and course overview
- Computer basics, computer architecture, input/output units. software, OS, cmd commands, shell commands, network, basic network commands
- Programming concepts, machine language, highlevel language, translators, programming language, framework, variables
- Operators, types of operators, introduction to git and GitHub
- Github collaboration
- HTML introduction, basic tag, formatting tags, comments, image, block level and inline tags
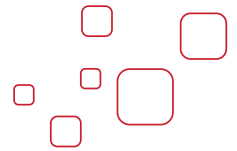
Project

- Project Intro Session
- Project Setup
- Frontend folder structure & code familiarization
- Scrum and Sprint review meetings

Sprint 2

- Semantic tags, lists, hyper link, tables, forms, webhosting
- Introduction to css, selectors, pseudo class and pseudo elements
- CSS box model, flex and grid
- Bootstrap and its component familiarization
- Introduction to js, data types, operators, message boxes,
- Conditional statements, loops and switch

Project

- Git Branching concepts
- REST Api Concepts
- Scrum and Sprint review meetings

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Sprint 3

- Introduction to functions, key aspects of functions,scope
- String and array method, DOM
- Introduction to jQuery, jQuery effects and animations
- jQuery ajax, json parsing, handling array
- Introduction to ts, arrow function, OOPS
- OOPS, browser storage, status codes

Project

- REST Api Concepts
- Task Assignment
- Basic concepts of State Management and JWT
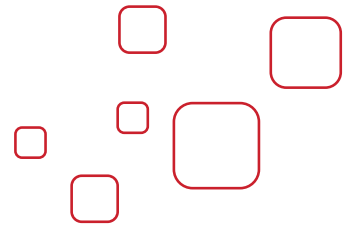- Scrum and Sprint review meetings

Sprint 4

- Installation, angular CLI, angular introduction
- Angular directives, attribute binding ngfor, ngif, ngswitch
- One way data binding, interpolation, property binding, class binding
- Style binding, event binding, template variable, two way data binding
- Decorators, routing and navigation, pipes
- Auth guard, lazy loading, observables, tdd

Project

- Workflow familiarization of an existing feature
- Scrum and Sprint review meetings

Sprint 5

- Introduction, variables, nesting, mixins
- Inheritance, control directives, loops
- Introduction to angular material, installation, component familiarization, flex layout
- Template driven forms, validation
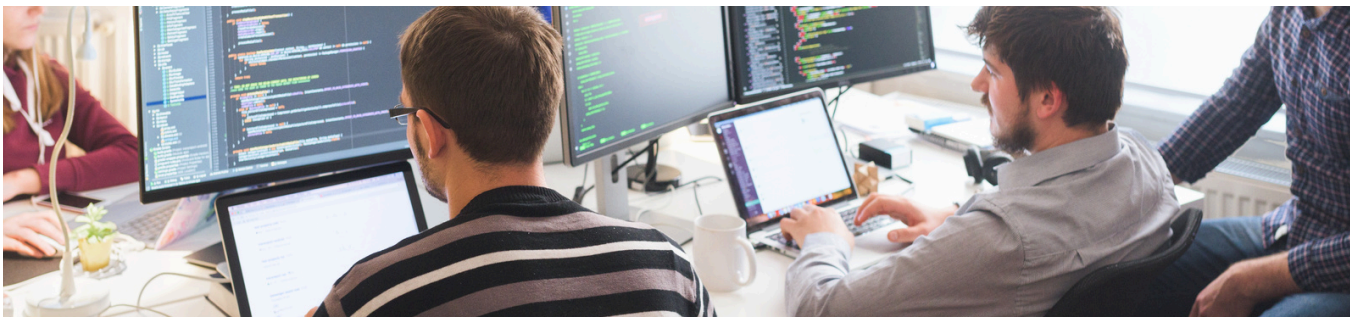- Reactive forms, validation

Project

- Scrum and Sprint review meetings

Sprint 6

- Custom validation & async validator
- Parent to child, child to parent
- View child, API introduction, dependency injection
- Json-server
- Angular Crud using json server

Project

- Scrum and Sprint review meetings

Learning Path

STEP 1

Basics of computer science

Computer architecture and organization of Programming, Computer networking

STEP 2

Plane Project Onboarding

Onboarding into the project team, checking out the repository and setting up the environment.

STEP 3

Programing Concepts

Programming concepts, language translators etc

Git & Github

Using Git & Github for version control and collobaration.

STEP 4

UI Development

HTML, CSS , Bootstrap & JavaScript/jQuery

STEP 5

TypeScript Programming

Basics of typescript
&
OOPS

STEP 6

STEP 7

Workshops & Training Programs

Attend workshops, training programs, and community events relevant to your industry to learn, grow, and keep up-to-date with new resources and information.

STEP 8

Angular

Angular fundamentals, Developing UI/UX using material design, Forms Accessing, API, Json Server

STEP 9

STEP 10

Completion Certificate

CERTIFICATE

Classroom-Level Immersion: Delivered Digitally

- Any Where, Anytime access
- Online Self learning
- Courses designed by alumni of IIT, NIT & IIM.
- CS Certificate Internship Certificate & UK Certificate
- CS Talent Show

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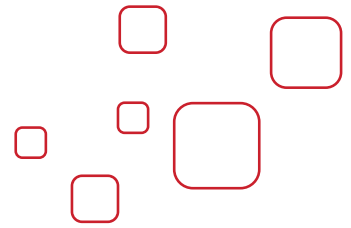
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ARTIFICIAL INTELLIGENCE | PYTHON | DATA SCIENCE | FULL STACK

More Information About us?

Contact Us!

Cyber Square Pro is a learning platform and resource hub for professionals looking to learn cutting-edge digital skills, whether they're coding novices or programming pros.

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Thank You!