MEAN STACK DEVELOPER

IT TRAINING HANDS-ON | BY SCARSTACK SOLUTION

https://scarstacksolution.com

The MEAN Stack Developer

Training Cost: $1,500 | Duration: 12 Weeks

Develop Highly robust and modernized Apps as a MEAN Stack Developer using languages such as Angular 9, Typescript, Node.js, Node Package Manager (npm), MongoDB, JavaScript, HTML 5, CSS, .NET Core, ASP.NET, and Technologies like Git Source Control, GitHub, Docker and Visual Studio Code.

• **CERTIFICATION YOU'LL EARN:**
Master's Certified MEAN Stack Developer

Top 9 Paying companies for this Role:

1.I5-Tech: $103,471/yr.

2.DataQuad: $99,955/yr.

3.PriceSenz: $98,795/yr.

4.SOFT HQ: $96,214/yr.

5.Antra MEan: $95,118/yr.

6.Summitworks: $94,908/yr.

7.Progress Solutions: $94,008/yr.

8.SWECO: $92,324/yr.

9.TalTeam: $87,183/yr.

Why become a MEAN Stack Developer?

Top-tier companies, such as IBM and Netflix, have experienced significant improvements in their web development projects by adopting MEAN Stack technologies, resulting in 50% faster application development cycles and a 40% reduction in maintenance costs. The demand for MEAN Stack Developers is on the rise, offering a wealth of opportunities across diverse industries. By joining this dynamic field, you'll be at the forefront of cutting-edge technology, building the digital solutions of tomorrow, and securing a rewarding career in the Tech space.

How much do MEAN Stack Developers earn?

MEAN Stack Developers earn an average of between $72,000 - $130,000 per annum.

Glassdoor salary confirmation

What you'll gain from this Training:

1. Practical hands-on approach through each class of the Training.
2. Materials & Training to earn the Cloud Architect certification.
3. Hands-on lab Assessments to assess your skills for each class.
4. Weekly homework assignments to keep you continuously engaged.
5. Free resume building offered after training completion.
6. One-on-one mentorship to address any specific challenges.
7. Free mock interview preparations to get candidates prepared for interviews.

TOOLS AND APPLICATIONS UTILIZED

Visual Studio Code	Git and GitHub	Angular CLI
Node Package Manager	NodeJS	Bootstrap
Angular Material	Postman API Platform	Microsoft Visual Studio
	MongoDB NoSQL Database	

Training Module

- Introduction to Web Development and MEAN Stack
- Frontend Development with Angular Apps
- Angular Concepts and Fundamentals
- Backend with with Angular Web Apps
- Principles, Patterns and Practices
- Advanced Angular Development
- Angular Cross-cutting Concerns
- Angular Best Practices
- Performance and Scalability
- Angular Apps Deployment and Hosting

Introduction to Web Development and MEAN Stack

Introduction to Web Development

Overview of Frontend and Backend

Environment Setup and Angular CLI

Version Control with Git and GitHub Desktop

Understanding Sing Page Applications

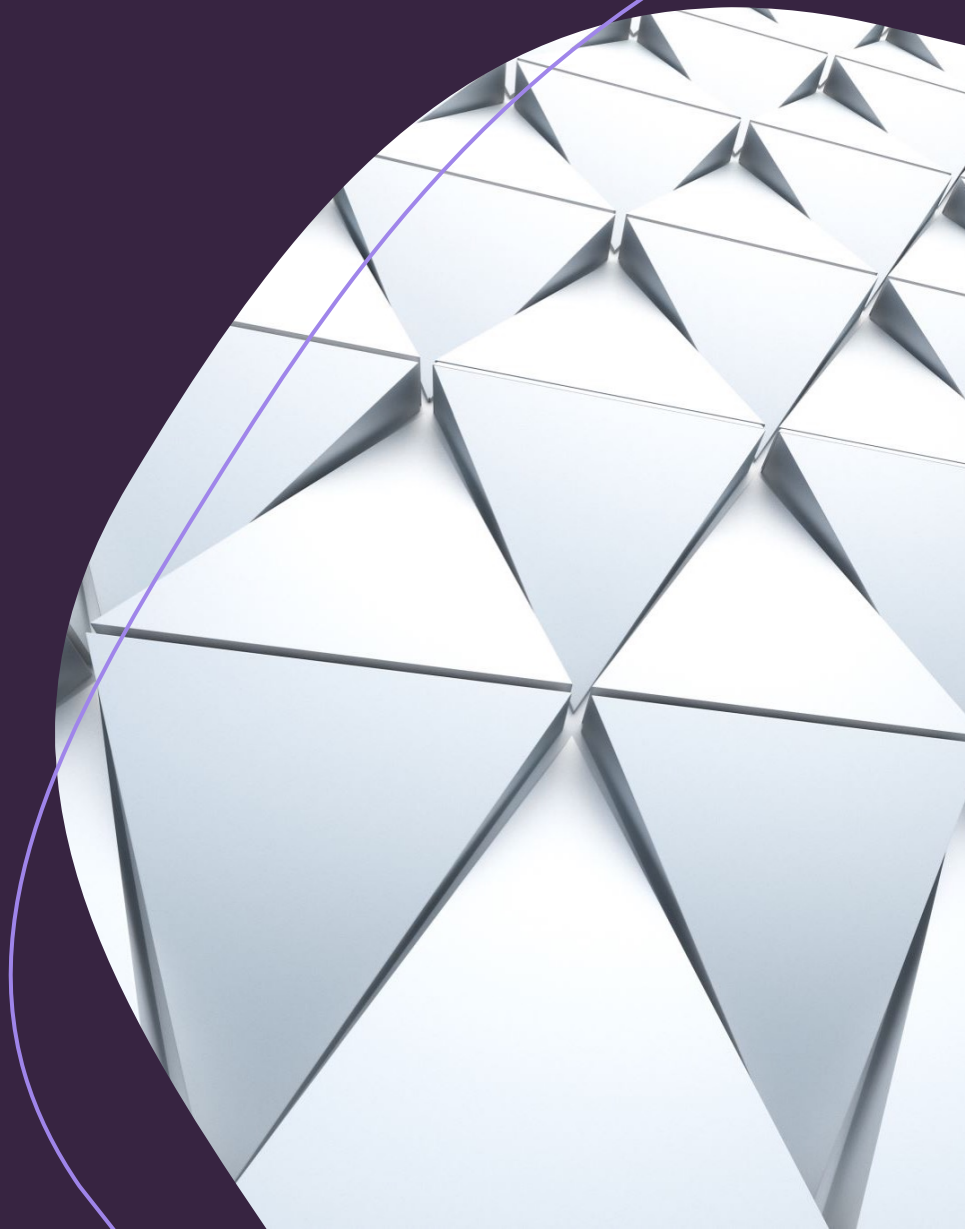
Using Node Package Manager (npm)

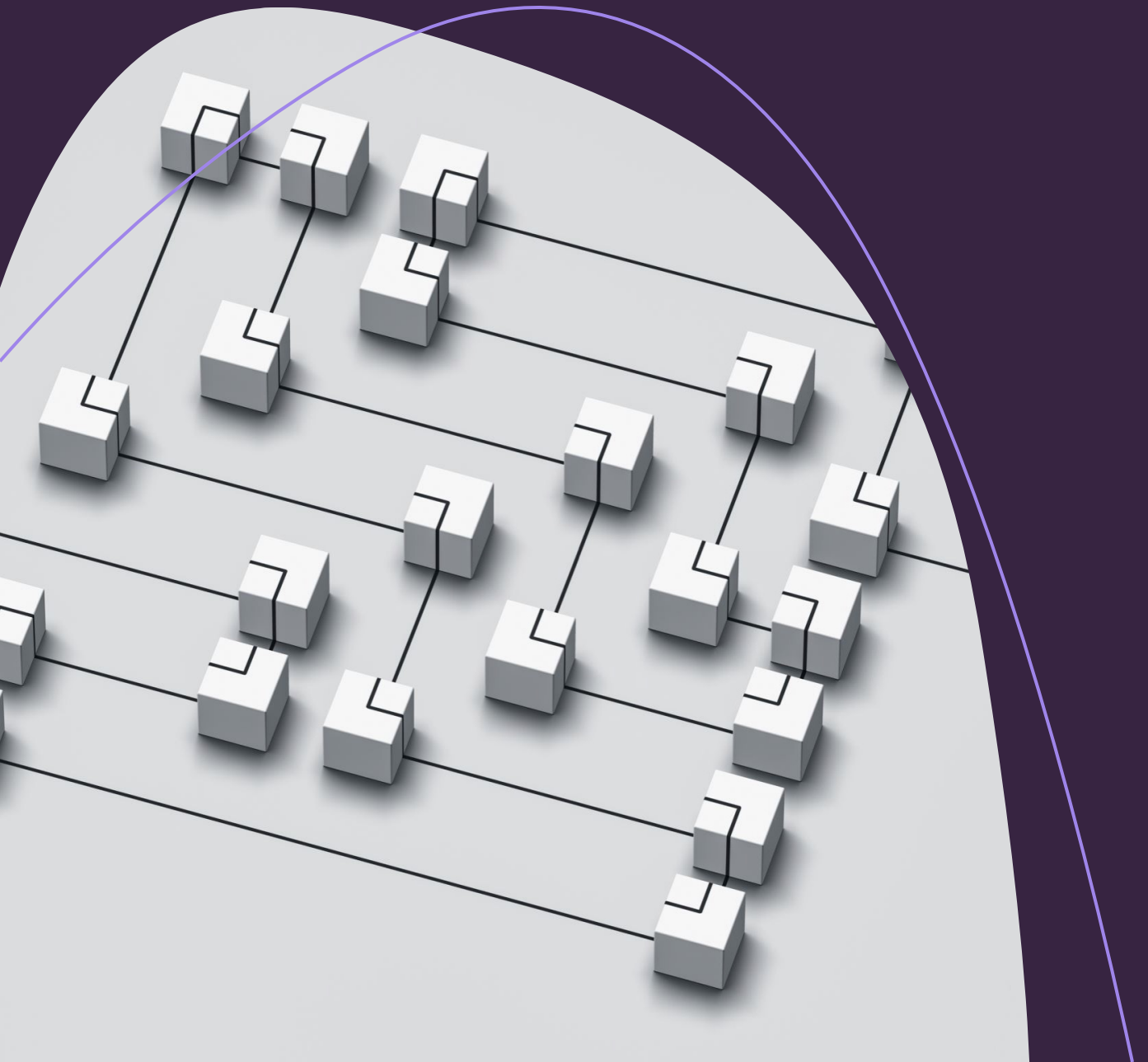
Frontend Development with Angular Apps

- HTML 5 and Semantic Markup
- CSS styling, Sass and Less.js
- JavaScript Fundamentals
- Document Object Model (DOM)
- Angular Bootstrap {ngx-bootstrap}

Angular Concepts and Fundamentals

- Angular Templates
- Angular Directives
- Angular Modules
- Angular Routing
- Angular Binding
- Angular Components





Backend Development with Angular Apps

- Node.js and JavaScript Runtime
- Introduction to ASP.NET Core
- Connecting frontend & Backend
- Using TypeScript with Angular
- Developing Angular HTTP Clients

Principles, Patterns and Practices

Test Driven Development in Angular Apps

Building and Running Angular Apps

Singleton Patterns in Angular Apps

Factory Patterns in Angular Apps

MVC Patterns in Angular Apps

Debugging REST APIs and using Postman

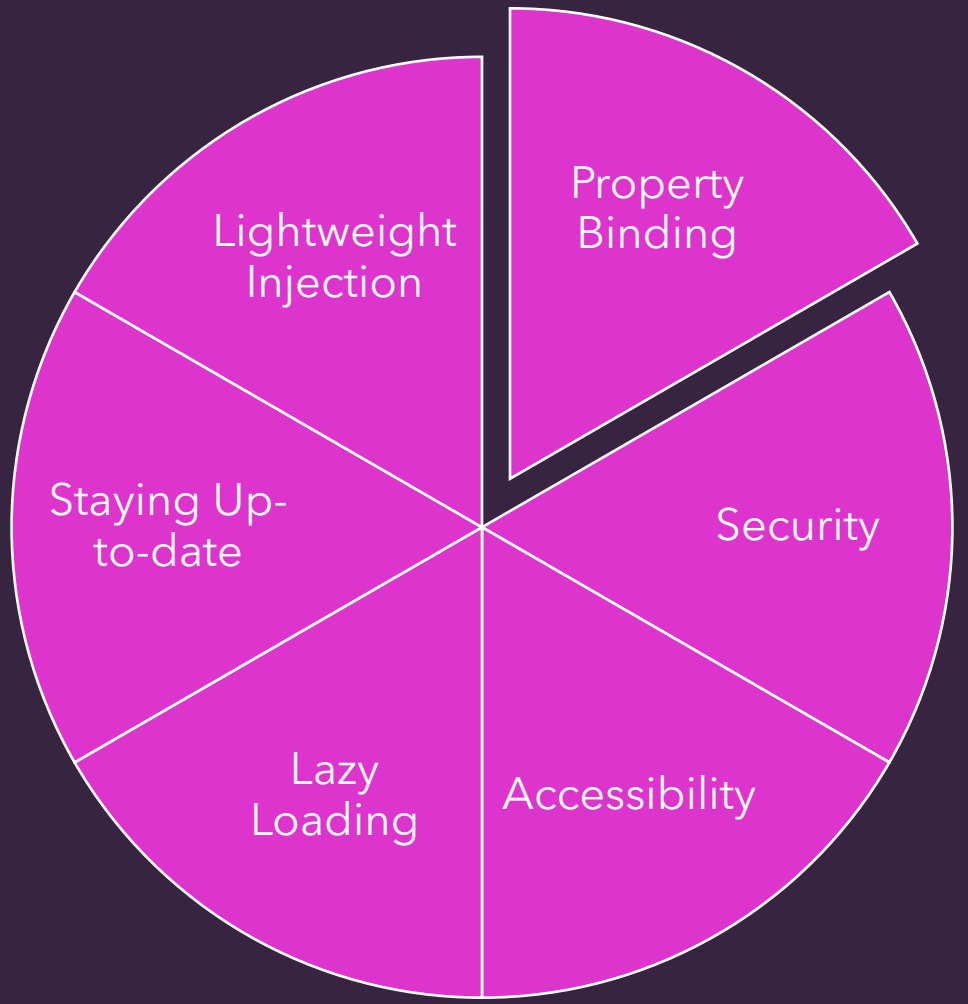
Advanced Angular Development

- State Management with NgRx
- Observables and RxJS
- Interpolation and Pipes
- Angular Material for UI Design
- Developing RESTful Web APIs
- Introduction to MongoDB Database

Angular Cross Cutting Concerns

- Form Validation in Angular
- Angular Caching and Ng Cache
- Unit Testing with Jasmine
- Asynchronous Services
- Authentication and Security
- Token-Based Authentication
- Dependency Injection in Angular
- Error Handling and Debugging

Angular Best Practices



Performance and Scalability

- Application Monitoring & Profiling
- Optimizing Database Systems
- Minification in Angular
- Scaling MEAN Stack Applications
- Load Balancing & Horizontal Scaling

Angular Apps Deployment and Hosting

PREPARING FOR PRODUCTION

BRANCHING AND MERGING

DEPLOYMENT STRATEGIES

CI/CD IMPLEMENTATIONS

SERVERLESS AND CLOUD HOSTING