Neelakandan Panneerselvam
Software Engineer

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PROFESSIONAL SUMMARY

Experienced Front-end Developer with 4 years of specializing in Angular and MEAN stack, focused on building high-performance scalable web applications. Proven success in optimizing speed, responsiveness, and maintainability to enhance user experience and product reliability. Skilled in translating complex business requirements into efficient, user-centric solutions that drive product growth, with strong expertise in RESTful APIs, cross-browser compatibility, and agile methodologies.

EXPERIENCE

ORION INNOVATION | Software Engineer
Sep 2021 – Present | Coimbatore, India

→ Developed and maintained enterprise-grade web applications using **Angular (v16)**, ensuring clean, maintainable, and scalable front-end code.

→ Integrated Angular components with **RESTful APIs** and backend services (Node.js, Express, MongoDB) for seamless full-stack functionality.

→ Identified and resolved front-end issues and vulnerabilities, ensuring **secure data flow** and compliance with web application security best practices.

→ Collaborated with cross-functional teams to translate business requirements into functional UI/UX features using Angular's modular architecture.

→ Implemented efficient state handling and data communication using Angular services and **RxJS** for reactive programming.

→ Optimized Angular applications for speed and performance, reducing load times and improving user experience.

→ Contributed to internal documentation and user guides to support maintainability and ease of onboarding for new developers.

→ Implemented **role-based access control (RBAC)** applications to manage user permissions and ensure secure access to features based on user roles.

PROJECTS

AFL CONTRACTS MANAGEMENT SYSTEM | Front End Developer

→ Refactored legacy modules into reusable components, enhancing maintainability and boosting overall platform performance by 30%.

→ Built dynamic, configurable form fields controls (input, select, radio,..etc) to enable flexible contract workflows and enhance UX by 55%.

→ Engineered complex contract lifecycle solutions to streamline operations and improve team productivity by 20%.

MATCH DAY PORTAL | Front End Developer

→ Optimized match and inspection data workflows, improving reporting accuracy and user efficiency by 35%.

→ mplemented secure, role-based access control using dynamic roles (club, league, user), enhancing both user experience and platform security by 45%.

DRUG TESTING SYSTEM | Associate Engineer | Full-Stack Web Developer

→ Delivered key features independently, ensuring reliable compliance workflows and earning Star of the Month recognition for ownership and timely delivery.

→ Delivered clean, maintainable front-end code aligned with Agile best practices and CI/CD pipelines.

SKILLS

PROGRAMMING LANGUAGES

- HTML5 • CSS3 • Tailwind
- JavaScript (ES6+) • TypeScript
- SQL • NoSQL • JSON

FRAMEWORKS & LIBRARIES

- Angular • Node.js • Express.js
- RxJs • Spring Boot • Bootstrap
- Angular Material • PrimeNG • Ionic

DATABASES

- MongoDB • PostgreSQL • MySQL
- MSSQL

DEVELOPMENT TOOLS

- Git • GitHub • Git Lab • Jenkins
- Postman • VS Code • JIRA

SPECIALIZED SKILLS

- RESTful API Design and Integration
- Microservices Architecture
- CI/CD Pipelines (Git, Jenkins, Docker)
- Application Performance Optimization
- Secure Coding Practices
- Agile and Scrum Methodologies

EDUCATION

TAMIL NADU COLLEGE OF ENGINEERING

B.E., Computer Science and Engineering
August 2017- April 2021 | Coimbatore, India
CGPA: 7.82 / 10

ACHIEVEMENTS

EMPLOYEE STAR OF THE MONTH
Recognized for outstanding contributions to project outcomes.

FULL-STACK LEARNING BADGE
Demonstrated exceptional skill growth and technical expertise.

SPOT AWARD—GROWTH MINDSET
Acknowledged for consistent innovation, dedication, and collaborative spirit.

LANGUAGES

- English • Tamil