

POTTIPATI SURYANARAYANA

Frontend / Angular Developer | UI Engineer

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Summary

- Frontend Developer with 6+ years of experience building scalable Single Page Applications (SPAs) using Angular 17+, TypeScript, RxJS, Angular CLI, and Angular Material.
- Skilled in responsive UI development with HTML5, CSS3, SCSS, Bootstrap, Tailwind, ensuring cross-browser compatibility and accessibility (WCAG/ARIA).
- Strong expertise in REST API integration, JWT authentication, routing, lazy loading, guards, interceptors, and performance tuning.
- Hands-on with CI/CD pipelines (Azure DevOps), Git version control, Agile methodologies, and unit testing frameworks (Jasmine, Karma).
- Exposure to Node.js, Express.js, SQL, Azure Data Factory, and Generative AI (LLMs, LangChain, HuggingFace APIs).
- Recognized for problem-solving, clean code practices, debugging, and ownership of end-to-end delivery.

Technical Skills

- **Frontend:** Angular 17+, TypeScript, RxJS, Angular CLI, Angular Material, HTML5, CSS3, SCSS/Sass, Bootstrap, Tailwind, Responsive UI
- **SPA Architecture:** Routing, Lazy Loading, Guards, Interceptors, Reactive Forms, JWT Auth
- **Tools:** Git, CI/CD (Azure DevOps), Agile
- **Backend:** Node.js, Express.js, REST APIs, SQL
- **Cloud/Data:** Azure Data Factory
- **AI/GenAI:** LLMs, LangChain, HuggingFace API integration

- **Testing:** Jasmine, Karma

Professional Experience

Technology Lead | Infosys | 2022 – Present

- Developed and deployed **Angular 17+** SPA applications with TypeScript, RxJS, and Angular CLI, improving scalability and maintainability.
- Implemented routing, lazy loading, guards, **interceptors**, and **JWT authentication**, enhancing security and modularity.
- Built reusable Angular Material components with **SCSS** and **responsive design**, reducing UI development time by 25%.
- Integrated **REST APIs** using Observables and async patterns, improving API response handling efficiency.
- Optimized performance with code splitting and **lazy-loaded modules**, reducing initial load time by 30%.
- Conducted unit testing (Jasmine, Karma) to ensure **code quality** and **reliability**.
- Collaborated in Agile ceremonies, managed source control with Git, and automated deployments via Azure DevOps **CI/CD pipelines**.
- **International Exposure:** Successfully completed a 6-month **onsite assignment in Mexico**, acting as a technical anchor and collaborating with global stakeholders to ensure seamless project delivery.

Web Developer | Freelancer | 2019 – 2022

- Designed and developed responsive UI pages using HTML5, CSS3, JavaScript, Bootstrap, ensuring cross-browser compatibility.
- Integrated APIs and optimized UI performance, reducing page load times by 20%.
- Applied WCAG/ARIA accessibility standards, improving usability for diverse audiences.
- Delivered client projects with clean, maintainable code and strong focus on performance.

Projects

- **Angular SPA Dashboard** – Developed a scalable SPA with Angular 17, TypeScript, RxJS, routing, lazy loading, guards, interceptors, and JWT authentication.
- **Node.js REST API** – Built CRUD operations using Node.js, Express.js, and SQL. Designed RESTful endpoints and optimized queries.

- **Generative AI Application** – Created UI consuming HuggingFace LLM APIs with LangChain integration for real-time text generation.
- **Azure Data Pipeline** – Designed ETL workflows using Azure Data Factory for automated data processing.

Live Projects

E-Swift Software | [Link](#)

- Designed and developed a professional corporate website with a focus on clean UI and responsive design for all devices.

BenchStep Platform | [Link](#)

- Built a modern web platform ensuring smooth user navigation and high-performance frontend delivery.

Vivan Projects | [Link](#)

- Implemented a responsive user interface for a project showcase site, focusing on visual appeal and fast loading times.

India Heritage Project | [Link](#)

- Developed a content-rich heritage website with a focus on web accessibility (WCAG) and cross-browser compatibility.

Sri Renuka Hostels | [Link](#)

- Created a service-oriented website with mobile-friendly layouts and clear user-interaction points.

Education

B.Tech – GIET College of Engineering (JNTUK) | 2019

- **University Gold Medalist:** Awarded for academic excellence at the University level.

Strengths

Problem-solving • Clean code • Debugging • Fast learning • Teamwork • Ownership