Vidya Patil

Technology Analyst | Angular Developer

Angular Developer with nearly **4 years** of experience building enterprise scale, secure web applications using Angular (v2 to v19). Strong expertise in developing reusable components, responsive UI, and role-based access controlled features for large user bases. Experienced in MSAL based authentication, REST API integration with SQL backed systems, and performance optimization using lazy loading, code splitting, and AOT compilation. Hands on experience working in Agile Scrum environments, collaborating with cross functional teams, and delivering production ready features with high code quality.

Work Experience

Technology Analyst at Infosys Limited, Pune, Maharashtra
May 2022 - Present

Boosted application performance and user experience by optimizing API calls, applying code splitting, and creating dynamic responsive forms with custom validations, improving load speed by 40% and reducing input errors by 30%.
Improved code quality and reliability by achieving 85%+ test coverage using SonarQube, reducing production bugs by 30%.
Strengthened team productivity by mentoring junior developers on Angular best practices and Git workflows, reducing onboarding time by 15%.
Enhanced scalability and maintainability by developing reusable Angular

modules and shared components, and applying NgRx for efficient state management, reducing redundant development by 35%.

PROJECTS

Domain:Facility Management and Corporate Sustainability
Tech Stack: Angular, RxJS, REST APIs

- Implemented enterprise authentication using MSAL, enabling secure user login, token handling, and session management in Angular applications.
- Developed a workspace booking module using Angular, allowing users to reserve desks, cabins, and meeting rooms based on floor layouts, booking rules, and real-time availability.
- Built carbon footprint dashboards with interactive bar charts and leaderboards to visualize commute-based emissions across teams and departments.
- Integrated RESTful APIs with a SQL database to support real-time data updates and maintain reliable audit logs.
- Applied location- and department-based access control, ensuring role-specific UI behavior and secure data visibility.
- Refactored shared Angular modules, services, and reusable components to improve scalability, maintainability, and code reuse across internal teams.

Domain: Launchpad – Employee Onboarding Platform
Tech Stack: Angular, RxJS, REST APIs, Role-Based Access Control (RBAC)

- Engineered a multi-portal onboarding platform (Candidate, Hiring Manager, Admin), streamlining onboarding workflows and **reducing new-joiner onboarding time by ~30%.**
- Designed and enforced role-based access control for Admin and Hiring Manager roles, ensuring secure access and 100% separation of responsibilities.
- Built an Admin portal to manage news, events, and FAQs, reducing manual **onboarding communication efforts by ~40%.**
- Developed Hiring Manager workflows to assign onboarding tasks and buddies, improving task completion rates and increasing onboarding efficiency by ~25%.
- Created a Candidate portal enabling visibility into assigned tasks, buddy details, and organizational updates, improving engagement and clarity for new hires.
- Optimized state management using **RxJS** and reusable Angular components, improving performance, maintainability, and scalability across portals.

Contact

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Skills
Technical Skills

Frontend
- Angular (v2–v19)
- React.js
- RxJS & NgRx
- Bootstrap
- HTML5
- CSS3
- SCSS/SASS,
- TypeScript,
- JavaScript (ES6+)

Backend
- Node.js
- Express.js
- MongoDB
- RESTful APIs

Practices
- Documentation
- Lazy Loading
- AOT Compilation
- Code Reviews
- JWT

Tools/Software

- Git and GitHub
- Angular CLI
- Visual Studio Code
- Chrome DevTools
- SonarQube
- GitHub Actions

Educational Background
Masterof Science(M.Sc.), Computer Science

Shivaji University Kolhapur
June 2018 - March 2020

Interests

Building personal websites, reading technical content, learning new technologies