

RAVI AKHOURI

ANGULAR UI DEVELOPER

CONTACTS

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CORE COMPETENCIES

Angular Development & Architecture

Modular & Scalable UI Design & Development

Frontend Application Architecture

Reactive Programming & State Management

Responsive & Adaptive Design

Cross-Browser Compatibility

Single Page Application (SPA) Development

Object-Oriented Programming (OOP)

SOLID Principles Implementation

Unit Testing & Test-Driven Development

Continuous Integration & Deployment (CI/CD)

Version Control & Release Management

Software Development Life Cycle (SDLC)

Agile & Scrum Methodologies

Responsive UI/UX Design

Automated Testing & Quality Assurance

TECHNICAL SKILLS

Frontend Development: Angular 15+ & 18, Angular Material & Highcharts, JavaScript (ES6+), TypeScript, HTML5, CSS3, Bootstrap

Programming: JSON

Reactive & State Management: RxJS

Testing & Quality Assurance: Jasmine, Karma

Version Control & Collaboration: Git

PROFILE SUMMARY

- Expert Angular Developer** with over 6 years of experience in Angular 15+, TypeScript, RxJS, and building scalable, modular frontend architectures.
- Proven leadership** in managing complex projects and modules, ensuring timely delivery, high-quality standards, and effective cross-functional collaboration.
- Strong foundation in software engineering principles**, including OOP, SOLID design principles and reusable component-driven development, reducing technical debt.
- Experienced in AI-enhanced solutions**, including automated documentation, Chatbot development, and unit test generation, driving productivity and efficiency improvements.
- Skilled in full SDLC management**, from requirement analysis and design discussions to development, deployment, UAT/SIT coordination, and performance optimization.
- Showcased impact on business outcomes**, including improved user engagement, error reduction, workflow automation and successful delivery of enterprise-level applications.

ACHIEVEMENTS

- Enhanced user engagement by 10%** via responsive UI design, intuitive navigation, and optimized workflow in complex modules.
- Increased development efficiency by 40%** by designing and implementing reusable components and directives across multiple projects.
- Accelerated unit testing coverage by 15%** through AI-assisted automated test generation and comprehensive test planning.
- Reduced manual documentation effort by 50%** by implementing AI-driven automated flowcharts, class diagrams, and sequence diagrams.

WORK EXPERIENCE

Angular UI Developer | Siemens, Pune

Feb'23 – Present

- Enhanced front-end interfaces for SystemOne project, contributing to multiple applications including **ABTSite, ABTGo, BOSS Project Conversion & Performance Dashboard**.
- Led development and optimization of ABTSite modules such as **View Favorites, KNX PL-Link, MBus & Function Configuration & built the Plant Configurator module** from inception.
- Executed UI enhancements & code refactoring for the Query Generator project, improving performance by applying SOLID principles, OOP concepts & RxJS patterns.
- Refactored the **QueryGenerator (Building X) module, achieving 30% reduction in technical debt**, improved code modularity and increased overall developer productivity.
- Developed an **AI-powered chatbot using GPT-4 Copilot**, showcasing advanced task management features and emotion-aware user interaction to enhance overall engagement.
- Utilized AI-driven tools to produce technical documentation, including flowcharts, class diagrams, and sequence diagrams, **resulting in 40% reduction in documentation effort**.
- Implemented automated, AI-generated unit test creation workflows, significantly improving test coverage and **reducing manual test development time by 50%**.

Senior Software Engineer | LTIMindtree Ltd. | Aug'21 – Feb'23

- Developed **frontend applications from the ground up** for client projects, managing complex business logic and ensuring seamless user experience.
- Implemented robust **authentication mechanisms, form validations, and responsive UI designs** across desktop and mobile platforms, with strong focus on **REST API integration**.
- Contributed to **design discussions and requirement analysis**, aligning application functionality with business goals and project deliverables.
- Delivered high-quality solutions while maintaining **code standards, maintainability, and performance best practices**.

SOFT SKILLS

- Growth-Oriented Leadership
- Cross-Functional Team Collaboration
- Critical & Analytical Thinking
- Agile Environment Adaptability
- Strategic Planning & Time Management

EDUCATION

B.Tech. (Electronics & Communication Engineering), 2019

West Bengal University of Technology (WBUT)

CERTIFICATION

Azure Fundamentals, Wipro, 2020

AWARDS

Star Award – Siemens

Awarded for exemplary contribution in presenting and applying SOLID principles.

Top Performer Award – Wipro

Recognized for exceptional overall performance, awarded in two quarters.

Top Performer Award – LTIMindtree (Sennheiser / EPOS Manager Project)

Honored four times in a row for outstanding project-specific performance & high-quality delivery.

PERSONAL DETAILS

Date of Birth: 30th March 1997

Languages Known: English, Bengali & Hindi

Project Engineer – Module Lead | Wipro Ltd. | Oct'19 – Aug'21

- Implemented **complex business logic, client-side validations, and RESTful API integration** to enhance application functionality and improve end-user experience.
- Led the module team, coordinating tasks, tracking progress, and ensuring timely delivery of all functionalities, resulting in successful UAT and SIT releases.
- Collaborated with **Release Management teams** to streamline deployments, **ensuring zero downtime** and smooth rollouts across SIT and UAT environments.
- Transitioned from **Prototype Developer** to **full-stack Angular Developer**, contributing to key modules including PVU, Budget, EDP, and leading the DDO module.
- Developed and optimized user interfaces for the ROP sub-module, enhancing user engagement and **reducing error rates by 15%**.
- Designed and implemented reusable components and directives in the Budget module, **improving development efficiency by 25%** and minimizing code redundancy.
- Enhanced workflow automation and resolved high-priority issues within the EDP module, **enabling timely UAT completion with a 99% defect closure rate**.
- Supervised** development and release cycles for the DDO module, driving coordination across cross-functional teams to meet delivery timelines and uphold quality benchmarks.
- Designed **configurable UI framework** that decouples screen layouts into modular components, supporting dynamic actions such as conditional field visibility, validation rules and default value assignment.
- Built** a centralized configuration service to adjust UI logic and DOM structures based on contextual view parameters.

PROJECTS

ABTSite (Smart Building – Automation Building Tools)

- Enhanced front-end of the **ABTSite application** using Angular, contributing to multiple applications including **ABTGo, BOSS Project Conversion and Performance Dashboard**.
- Designed and implemented critical modules such as **View Favorites, KNX PL-Link, MBus, Function Configuration** and **Plant Configurator** from inception.
- Executed **UI enhancements and code refactoring** for the **Query Generator project**, significantly improving maintainability, usability, and overall system performance.
- Applied **SOLID principles and OOP concepts** to improve code quality, notably refactoring the **QueryGenerator (Building X) module** to increase modularity and scalability.
- Leveraged **RxJS and reactive programming** to optimize performance of the codebase.
- Showcased innovation by developing an **AI-powered chatbot using GPT-4 Copilot**.

TVS Motors – PIP Application

- Developed the **frontend application from scratch**, implementing complex business logic and secure login authentication for leading two- and three-wheeler vehicle manufacturer.
- Designed and implemented a **responsive user interface** ensuring consistent functionality across desktop and mobile platforms.
- Integrated **REST APIs** for data exchange, enhancing performance & user experience.
- Applied **OOP principles** and enabled organized workflow for **profit-improvement suggestions**, reforming reviews & approvals.

IFMS (Integrated Finance Management System – Government of Gujarat)

- Developed and implemented **business logic and validations** for IFMS modules using Angular, enhancing application reliability and functionality.
- Integrated **REST APIs** to ensure smooth communication with backend services.
- Led module development as **Module Lead**, coordinating the team for successful **UAT/SIT releases** and managing deployment processes.
- Transitioned from **Prototype Developer** to **full-stack Angular Developer**, delivering key modules including **PVU, Budget, EDP & DDO**.
- Designed **reusable components and directives** for the Budget module, improving development efficiency and reducing code redundancy.
- Managed workflow integration and resolved critical bugs in the EDP module.

Sennheiser Migration to Angular 11 (EPOS Manager)

- Spearheaded the migration of a **legacy AngularJS 1.x application to Angular 11**.
- Implemented **business logic & REST API integration** to improve application functionality.
- Applied **OOP principles** & validations to ensure data integrity & improved user experience.
- Executed **unit testing with Jasmine & Karma**, maintaining high-quality standards.
- Created **dynamic, interactive data visualizations** using Highcharts to present insights.