

PRUDVI RAJ MOKKAPALLI

Angular Frontend Developer | UI/UX Designer

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Objective

UI/UX Designer & Frontend Developer specializing in crafting intuitive, visually engaging web applications. Skilled in user-centric design, accessibility, and interactive experiences. Proficient in Figma for wireframing, prototyping, and design systems. Expert in creating both high-fidelity and low-fidelity designs to ensure seamless user experiences. Experienced in translating designs into responsive, dynamic interfaces using Angular, HTML5, CSS3, and TypeScript. Passionate about enhancing user journeys through seamless interactions, usability testing, and performance optimization across devices.

Professional Experience

Infosys, Bengaluru Aug 2022 - Present
Role: Senior Systems Engineer

- Developed and optimized an Toyota's web portal using Angular, TypeScript, and Angular Material, improving performance, navigation, and user experience, leading to a 30% increase in engagement and a 30% boost in website traffic.
- Converted Figma designs into responsive, pixel-perfect Angular components, ensuring seamless integration with Angular Material UI and Tailwind CSS for a modern, consistent UI.
- Implemented a modular architecture, lazy loading, and micro frontend architecture in Angular, reducing initial load times and enhancing scalability.
- Integrated REST APIs using RxJS, optimizing data handling with efficient state management and improved application responsiveness.
- Enhanced UI with custom Angular Material components, dynamic theming, and accessibility improvements following SPA best practices.
- Refactored and modernized legacy code, improving performance optimization, debugging efficiency, and maintainability using VS Code, Git, and GitHub.
- Streamlined workflows in Azure DevOps, improving deployment efficiency and tracking issues via ServiceNow Tool.
- Collaborated in an Agile development environment, contributing to sprint planning, reviewing code, and working closely with cross-functional teams to integrate APIs efficiently.
- Refined UI designs in Figma, ensuring design-to-code accuracy and optimizing user flows for better engagement.
- Utilized Generative AI prompting to accelerate UI/UX design iterations and optimize development workflows, reducing turnaround time.

Personal Projects

ShopEase Present | [Link](#)

- Designing the user interface in Figma to ensure an intuitive shopping experience.
- Developed a search bar for quick product discovery.
- Implemented filters for products based on rating and brand to enhance navigation.
- Built a product details page that displays complete information when an image is clicked.
- Created a responsive UI with Angular Material for seamless browsing across devices.

Investment Tracker Present | [Link](#)

- Currently designing and developing the Investment Tracker to simplify transactions with 85% reduced time and enhance portfolio tracking accuracy by 50%.
- Working on the Tax Filing Assistant to automate 70% of data entry and generate tax reports in under 2 minutes, reducing effort by 60%.
- Both projects focus on responsive design and user-friendly navigation for efficient user experiences.

Education Details

Jawaharlal Nehru Technological University, Anantapur Jul 2018 - Aug 2022
Bachelor of Technology in Electronics and Communication Engineering - 78%

- Relevant Coursework:** HTML, CSS, JavaScript, SQL, Adaptive Design and Responsive Design

Skills

- Core Frontend Development:** TypeScript, JavaScript, HTML5, CSS3,
- Frameworks & Libraries:** Angular, Angular Materials UI, Micro Frontend, RxJS and NgRx
- Design & UI/UX:** Figma, Protopie and Lottie, User Interface (UI) design, User Experience (UX) design, Adaptive Design, Responsive Web Design, Accessibility, User-Centered Design, Wireframing & Prototyping, Design Systems, Usability Testing, Visual & Interaction Design
- Development Tools:** VS Code, Git, GitHub, Azure Devops, ServiceNow Ticketing Tool
- Other Relevant Skills:** REST API's Integration, SPA, Bootstrap, Tailwind CSS, Problem-Solving, Analytical Skills, Gen AI Prompting, Figma Design to code, Agile Development, Performance Optimization and Debugging, Cross-Functional Collaboration and Time Management

Certifications

- Google UX Design Professional
- Infosys Certified Angular Professional
- Infosys Certified JavaScript Developer & TypeSript Developer
- Responsive Web Design by Free code camp