

Swathi Royyuru

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SUMMARY

Web Developer and AI enthusiast with 3 years of experience building responsive web applications and designing intuitive interfaces by leveraging data-driven insights, accessibility (WCAG), and delivering scalable solutions for full-stack environment. Seeking Web Developer (Frontend/Backend)/ Full-Stack Developer opportunities.

EDUCATION

Saint Louis University (St. Louis, MO, US): Master of Science in Information Systems (GPA: 3.90/4.00) Expected Dec/2025

SKILLS

- **Frontend Development:** Angular, React, JavaScript, TypeScript, HTML5, CSS3, Bootstrap
- **Backend, Databases/ Other:** Java, J2EE, Python, R, SQL, Node.js, C, C++, PostgreSQL, JUnit Testing, Microservices, MySQL, MS SQL Server, OOP, MVC, JDBC, XML, Hibernate, Kafka, Flask Framework, Gradle, Maven, Springboot, RESTful API, Pandas, ETL Pipelines, Descriptive Analytics
- **UI/UX Design:** Figma, Sketch, Adobe Creative Cloud, Canva, Framer, Wireframing, Prototyping, User Research, Accessibility (WCAG), Ng-2 Charts
- **Data & Tools:** Microsoft Office Suite, Eclipse, IntelliJ IDEA, SDLC, Azure, RStudio, Postman, Git, VS Code, Jenkins, SonarQube, Jira, Trello, Gantt Charts, Agile, Scrum, Power BI, Supabase Cloud Platform.
- **Behavioral Skills:** Clear Communication, Presentation, Strategic Problem Solving, Creative Thinking, Adaptable, Organizational Skills, Multitasking, Emotional & Social Intelligence, Time Management, Leadership & Teamwork, Highly-motivated, Detail-Oriented
- **Keywords:** Web development, Frontend Development, Backend Development, SDLC, Full Stack Development, Angular, Responsive Web Design Interaction Design, Information Systems, Secure Coding Practices, Lambda Functions, Knowledge of Business/ Functional Requirements.

WORK EXPERIENCE

Mercedes Benz R&D India – MBRDI (Capgemini Technology Services India) Hybrid, Full-time | Bengaluru, KA, IND Mar/2023 – Dec/2023

Java Full Stack Developer

- Demonstrated 2 years of technical expertise in backend development using Java and Spring Boot. Delivered user stories involving 10+ reusable Angular components with responsive layouts using Bootstrap, improving user engagement by 80%.
- Enhanced DOM elements, events, classes and templates with 4 types of data binding. Implemented event handling, form validation, routing, and 3 RESTful APIs for communicating with different modules.
- Achieved targets by analyzing 50+ test reports; identified and resolved bugs and issues. Executed code reviews & maintained technical specifications documents.

Siemens Healthineers – SHS (Capgemini Technology Services India) Hybrid, Full-time | Bengaluru, KA, IND Nov/2021 – Feb/2023

Java Backend Developer

- Collaborated within a Scrum team to complete 40+ bugs, defects, and user stories using Jira and developed test cases. Used Oracle Sales Cloud while managing backend tasks for Configure, Price, Quotation (CPQ)-based CRM; contributed to the Quotation team.
- Leveraged Java 8 Features (Lambda Functions, Stream API, Functional Interfaces, Default methods),
- Contributed to 13 sprints, iterative and secure development with authorization like JWT (JSON Web Tokens).
- Collaborated with cross-functional teams (testers, project managers, and BAs) across 3 departments and adhered to sprint cycles.

PROJECTS

Chronotel AI Analytics Platform – Full-Stack Web Application with Data Analytics Aug/2025 – Present

- Engineered full-stack AI analytics platform using Flask, Angular, and PostgreSQL, converting raw data into strategic business intelligence.
- Developed scalable REST APIs and interactive dashboards delivering real-time analytics, cutting manual reporting by 60%.
- Designed responsive UI/UX with data visualization components, boosting engagement across all user roles.
- Implemented machine learning models predicting adoption trends, enhancing decision-making accuracy.
- Led development team through all project phases, establishing coding standards for production-ready quality.

LABL App Inc. – Style Sync (Project Link: https://www.figma.com/proto/AvPsZ8qZDb3sZwot99SfMN/StyleSync) Aug/2025

- Revamped Style Sync’s UI/UX by creating a sophisticated, cohesive design system with a refined color palette and typography, elevating brand appeal for fashion-conscious women aged 18–25.
- Implemented 6 key scalable UI components and high-fidelity screens, improving prototype usability and boosting user engagement by 100%.

Personal Projects

Share-A-Bite – Food Waste Management App (Project Link: https://share-a-bite-nine.vercel.app/) Mar/2025 – May/2025

- Built a responsive angular web app that helps reduce food waste by 30% through community sharing and sustainable consumption tracking.

E-Commerce Design (Project Link: https://www.figma.com/proto/lxD4hMyQYxvA3aRhSVMF40/Week5-Web-Design--Community-) Apr/2025

- Designed a 4-page Figma prototype featuring streamlined user flows for intuitive and efficient user interaction.

Saint Louis University

Wireframes (Project Link: https://drive.google.com/file/d/1yMx2BhByzHweFJIGDLGMSVCDj5bBiUI_/view) May/2024

- Documented 6 wireframes of a food waste management app where users log in & post food donations, to connect surplus food with those in need.

Tech Innovators Project Proposal Site Design (Project Link: https://sites.google.com/view/techinnovproject) Mar/2024

- Created a Project Proposal Site with a well-organized project plan, complete project documentation and client-ready branding.

Enterprise Architecture Portfolio Site for McKesson (Project Link: https://sites.google.com/view/mckessondemo) Feb/2024

- Delivered an executive presentation summarizing company’s enterprise architecture and strategic insights for stakeholders.

CERTIFICATIONS

Google UX Design Professional Certificate – Coursera Aug/2025