

Yasaswini Vedula

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PROFESSIONAL SUMMARY

Full-stack developer with over 4 years of experience designing and developing scalable web applications. Proficient in both front-end and back-end technologies, with expertise in building responsive and distributed user interfaces. Skilled in RESTful API development, database management, and integrating with backend services. Experienced in collaborating with cross-functional teams to deliver reliable, maintainable, and secure applications.

SKILLS

Programming Languages: C, Python, Java, JavaScript, Typescript, R, ABAP

Development: React, Next.js, Node.js, Angular, Spring Boot, HTML, CSS, Tailwind CSS, REST APIs

Database: MySQL, SQL Server, Oracle, MongoDB, PostgreSQL

Relevant Courses: Advanced Algorithms, Data Structures, Java, Object-Oriented Design

Devops and Tools: Apache Tomcat, Jira, Jenkins, Git, MS Visio, Tableau, Docker, Confluence, Kubernetes

WORK EXPERIENCE

Full Stack Developer Intern, Tantv Studios

May 2024 – Present

- Led the development of Syndex.ai, a media platform that connects creators, publishers, and readers, utilizing **ReactJS**, and **Tailwind** ensuring cross-browser compatibility and excellent user experience.
- Implemented user authentication and integrated social sign-ups for streamlined onboarding.
- Engineered scalable solutions to handle high-traffic user content, reducing page load times by 15%.
- Collaborated with a team of 6 in building authentication **APIs**, content fetching APIs using **.NET**.
- Implemented unit and integration testing using Jest and React Testing Library to ensure UI reliability
- Established CI/CD pipelines to automate deployment procedures, allowing seamless integration and delivery throughout the application stack. Utilized **Jira** to manage project workflows, document processes, and track progress.
- Documented API end points and technical guides to assist with knowledge transfer.

Full Stack Developer (Senior Systems Engineer), Infosys

Jun 2022 – Jan 2023

- Spearheaded the development of a full-stack dashboard application for server monitoring, utilizing React, **Spring Boot**, and PostgreSQL, focusing on performance optimization during testing and deployment.
- Designed reusable React components, reducing feature development time by 20%, and participated in code reviews and performance testing.

Systems Engineer, Infosys

Jan 2021 – Jun 2022

- Developed and customized **ABAP** programs, reports, and interfaces to align with business requirements, ensuring integration with SAP modules.
- Optimized database structures, improving system performance and data retrieval efficiency by 20%.
- Specialized in **SAP R/3**, **ECC**, and **S/4HANA**, with expertise in customizing core modules to meet business needs.
- Automated key business processes, reducing manual intervention by 30%.
- Improved SAP transactions using **BADI** and **BAPI** within the Enhancement Framework, boosting efficiency by 15%.

ACADEMIC PROJECTS

Full-stack Web Application for Student Feedback Management System

Jan 2024-May 2024

- Built robust full-stack web applications using **React**, **Angular**, and **Spring Boot** hosted on **AWS** (Amazon S3 and EC2).
- Designed **reusable components** and **RESTful APIs** for CRUD operations, reducing development time for new features by 30%.
- Combined **MySQL** with **JPA** and **JDBC** for secure and efficient database management.
- Developed interactive survey forms with dynamic city/state population using **JavaScript** and **JSON**.

Ecommerce Platform with Personalized Recommendations

Aug 2023 – Dec 2023

- Built a **React** and **Node.js** platform with product listings, personalized recommendations, and secure checkout.
- Enhanced customer engagement by using a **TensorFlow.js** based recommendation engine.
- Generated backend **APIs** and connected **MongoDB** for data management.

Airline Management System

Jan 2023 – May 2023

- Designed an Android app for flight bookings, cancellations, and customer management.
- Integrated **PostgreSQL** with **JDBC** and deployed on **Apache Tomcat** for secure, real-time operations.

EDUCATION

George Mason University

Dec 2024

Master of Science (M.S.), Computer Science

GPA: 3.83/4.00

Jawaharlal Nehru Technological University

May 2020

Bachelor of Technology (B. Tech), Electronics, and Communication Engineering

GPA: 9.0/10.0

CERTIFICATIONS

- University Innovation Fellow by **Stanford University**