Preesha Vashisth

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LinkedIn| GitHub | Portfolio

EDUCATION

VIT Bhopal University   Sehore, Madhya Pradesh, IN.
Bachelor of Technology   Aug 2022 – Oct 2026
            Major in Computer Science and Engineering
            Cumulative GPA: 8.64

TECHNOLOGIES AND TOOLS

- **Languages:** Java, JavaScript, HTML/CSS, SQL.
- **Tools/Cloud:** AWS Cloud.
- **Front-end and Back-end:** ReactJS, Tailwind CSS, Node.js, Express.js, TypeScript, Postman, REST-API.
- **Databases**: MongoDB, Relational Databases (MySQL).
- **Data Analysis & Visualization:** MS Excel, Power BI.
- **Version Control:** VScode, Git, GitHub.
- **Relevant Coursework:** Data Structure and Analysis of Algorithm, Operating Systems, Computer Netwoks, Database Management.

CERTIFICATIONS

- **Cloud computing**, NPTEL
- **Market Analysis**, NPTEL
- **HTML, CSS, and JavaScript for Web Developers**, Johns Hopkins University, Coursera
- **AWS Academy Cloud Solution Architect**, AWS Academy, ETHNUS
- **Business Analyst**, Finlatics

WORK EXPERIENCE

Web Developer Intern   Sept 2025 - Oct 2025
Amdox Technologies – Bangalore
- Developed responsive web applications using HTML, CSS, JavaScript, and React, improving user experience for company projects.
- Collaborated with senior developers and UI/UX designers to integrate REST APIs and optimize front-end functionality.
- Assisted in debugging and code reviews, ensuring the delivery of scalable, maintainable, and high-quality software solutions.

Business and Operations Intern   June 2025 - Sept 2025
Axxentraa NextGen Pvt Ltd – Indore
- Contributed to process optimization by supporting key business operations and analytics initiatives.
- Assisted in strategic planning by analyzing operational data and identifying improvement opportunities.
- Enhanced overall team efficiency through hands-on involvement in daily business and operational activities.

PROJECTS

My Design System   GitHub Repo

Developed a comprehensive, enterprise-grade design system to streamline UI development and ensure brand consistency across all web applications.
- Architected a scalable design system using React, TypeScript, and Storybook, featuring accessible components including a complex Date Picker.
- Engineered a GitHub Actions CI/CD pipeline to automate QA, covering accessibility, visual regression, bundle size, and integration testing.
- Established an automated npm release workflow via Semantic Release and synchronized Figma design tokens for a seamless developer handoff.

Food Delivery Platform   GitHub Repo
Engineered a full-stack food delivery web application featuring a secure backend API, a dynamic frontend, and a fully containerized, automated deployment pipeline.
- Developed a secure RESTful API using Node.js, PostgreSQL, and JWT for robust authentication and data protection.
- Containerized the entire stack with Docker and Docker Compose to ensure consistent environments and simplified workflows.
- Established an automated CI/CD pipeline on Render to facilitate seamless, continuous deployment of the containerized application.

Real - Time Chat Application   GitHub Repo
A real-time MERN stack chat application demonstrating end-to-end development, from API creation to decoupled deployment.
- Developed a scalable backend using Node.js, Express, and MongoDB to efficiently manage user data and messaging.
- Implemented JSON Web Tokens (JWT) to secure user authentication and ensure the privacy of conversations.
- Enabled real-time messaging via Socket.IO and established a CI/CD pipeline for deployment on Vercel and Render.

CO-CURRICULARS

- Engaged in 100 Days of Code by discussing DSA concepts and optimization techniques, enhancing problem-solving abilities.
- 170+ problems solved, Hackerrank: Python – Gold Badge, C++ - Silver Badge, Java – 2 Bronze Badge, Google Cloud: 6+ badges.
- Core Member at Technical Domain at Cyberwarriors club at VIT Bhopal University
- Hobbies: Reading Novels, Manga and Watching Anime, Drawing, Playing Badminton, Piano and Guitar, Listening to Music.