Sakshi Ippe

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Professional Summary

Final-year engineering student and passionate Full-Stack Developer skilled in the MERN stack (React.js, Node.js, PostgreSQL, MySQL). Built responsive web applications, REST APIs, and gained hands-on experience with Docker during a 3-month internship. Strong in modern web development through real-world and academic projects.

Open to Full-Stack / Frontend / Backend roles - 2026 Batch

Education

- **Bachelor of Engineering - Electronics & Telecommunication Engineering**   *PVGCOET, Pune*
  (2022–2026, Pursuing)   SGPA : **8.71/10.00**

Technical Skills

- **Programming & Web Development:** Java, Python, Javascript, Reactjs, HTML, CSS, Node.js, Express.js
- **Cloud & DevOps:** AWS Lambda, API Gateway, CloudWatch, IAM, Docker, GitHub Actions, CI/CD Pipelines, Nginx
- **Databases:** MySQL, PostgreSQL, DynamoDB
- **Development Tools:** Git, GitHub, Docker, Postman, VS Code, MySQL Workbench
- **Computer Science Fundamentals:** DSA, OOP, Computer Networks, Database Management Systems

Internship

- **Jr. Product Developer Intern at Vulnuris Security Solutions**   *May 2025 - Aug 2025*
  Tech Company, Pune - Summer 2025
  - Build the asset management module using Reactjs, TypeScript, and PostgreSQL with Drizzle ORM; utilizing Zustand for state management and Docker for containerized development.
  - Utilized Docker for containerization and Postman for API testing, reducing deployment issues by 30.%.
  - Migrated 15+ React components from JavaScript to TypeScript, increasing type safety and reducing bugs.
  - Collaborated in daily stand-ups, code reviews, and sprint planning; developed strong communication, teamwork, and agile workflow skills.

Projects

- **WorkFlowForge (Ongoing)**   *React.js, Node.js, PostgreSQL, Docker, GitHub Actions, AWS EC2/RDS, Nginx*
  - Designing a customizable workflow automation dashboard with real-time task updates, JWT authentication, and Docker-based containerization.
  - Implementing a full CI/CD pipeline using GitHub Actions to automate building, testing, and deploying the application's Dockerized services.
  - Deploying the platform on AWS (EC2 + RDS) with Nginx reverse proxy to enable scalable, production-grade cloud hosting and reliable performance.
- **Serverless Feedback Collection API**   *AWS Lambda, API Gateway, DynamoDB, CloudWatch, IAM*
  - Developed a lightweight serverless API using AWS Lambda and API Gateway to collect and manage user feedback without managing servers.
  - Stored structured feedback data in DynamoDB and implemented efficient read/write operations to ensure fast, scalable performance.
  - Configured IAM roles, environment variables, and CloudWatch logging to enable secure, reliable, and cost-efficient cloud-native execution.
- **Sorting Algorithm Visualizer**   *React.js, JavaScript, HTML5, CSS3*
  - Built an interactive visualization tool for multiple sorting algorithms including Merge, Quick, Insertion, and Bubble Sort.
  - Implemented dynamic DOM-based animations to demonstrate real-time algorithm operations and improve conceptual understanding.
  - Designed user-friendly controls to adjust array size, animation speed, and algorithm selection for a customizable learning experience.

Certifications

- Oracle Cloud Infrastructure 2025 Certified Generative AI Professional
- Fundamentals of Deep Learning - NVIDIA
- The Complete Web Developer Bootcamp - Udemy (Certificate of Completion)

Extracurricular Activities

- **College Athletics Team Member** (2023-2025)
  - Represented PVGCOET in Pune University Athletics Competitions (2023-24)
  - Participated in multiple inter-college athletics tournaments