Saloni Gavde

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EDUCATION

Government College of Engineering and Research — Pune, India
Bachelor of Engineering - Electronics and Telecommunication; CGPA: 9.02 — *June 2020 - June 2024*

SKILLS

- **Programming Languages**: Java, JavaScript, Python
- **Front-End Development**: HTML, CSS, Tailwind CSS, GSAP, React.js, Next.js, Responsive Design
- **Back-End Development**: Node.js, Express.js, REST APIs, Auth.js, Postman, Stripe, Firebase
- **Tools and Technologies**: Git/GitHub, Docker, Linux
- **Databases**: MySQL, MongoDB, Prisma
- **UI/UX Design**: Figma, Prototyping, Wireframing, User Research

WORK EXPERIENCE

Walmart Global Tech — Remote
Advanced Software Engineering Job Simulation — *Aug 2024 - Sept 2024*
- **Enhanced Data Preprocessing**: Boosted data preprocessing accuracy by 30% through integration of Java and Python libraries.
- **Optimized System Performance**: Increased system efficiency by 25% through the application of design patterns and UML modeling.

JP Morgan Chase & Co. — Remote
Software Engineering Virtual Experience — *July 2024 - Aug 2024*
- **Streamlined Development Setup**: Reduced development setup time by 25% with automated scripts and configuration improvements.
- **Debugging and Restoration**: Restored 70% of application functionality by debugging complex codebases and rectifying logical errors.
- **Enhanced Data Monitoring**: Integrated live data visualization, improving real-time monitoring efficiency by 30%.

Indian Institute of Technology, Roorkee — Roorkee, India
National Summer Intern — *May 2022 - July 2022*
- **Biomag Epilepsy Challenge**: Contributed to improving epilepsy localization techniques, increasing model accuracy by 20%.
- **Applied Machine Learning**: Implemented machine learning algorithms using MATLAB, enhancing data analysis processes.
- **Optimized Workflows**: Streamlined processes in a Linux environment, leading to a 15% reduction in task completion time.

PROJECTS

- **Apple Website Clone**: Constructed an interactive React.js and Three.js clone, boosting user engagement by 40% through animation and responsive design.
- **Amazon E-commerce Platform**: Built a full-stack platform using Firebase, Stripe, and Node.js, increasing payment speed by 30% and improving user experience with real-time updates.
- **Blog Application**: Developed a responsive blog platform with Tailwind CSS, achieving a 25% decrease in load times.
- **Real-Time Chat Application**: Implemented a chat app using Socket.io, supporting 500+ daily messages and real-time user interactions.
- **Automated Billing System**: Engineered an AI-driven checkout system with 98% accuracy, reducing customer wait times by 40%.
- **Calamity Recognition Model**: Designed a TensorFlow and Keras-based model for natural disaster identification, reaching 80% accuracy on a large dataset.

LEADERSHIP & EXTRACURRICULARS

- **Fergusson College Hackathon**: Led a team of 3 to win against over 500 participants through innovative solutions and rapid prototyping.
- **Hackathons and Coding Challenges**: Actively participated in competitive programming on LeetCode and HackerEarth, securing top positions.
- **Eyantra Robotics Competition**: Directed a team through all project phases, enhancing problem-solving and technical skills.
- **Innovation Club Mentorship**: Guided 20+ junior members in project development, fostering collaborative growth.
- **Theater Productions**: Performed in lead roles, demonstrating leadership, teamwork, and public speaking skills.