SALONI GAVDE

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EDUCATION

Bachelor of Engineering (E&TC) *June 2020 – June 2024*
Government College of Engineering and Research, Pune CGPA - 9.02/10
- Completed a rigorous curriculum in Electronics and Telecommunication, focusing on both theoretical knowledge and practical applications in software and hardware engineering.

Class 12th - HSC *June 2018 – June 2020*
MES Abasaheb Garware College, Pune Percentage - 77%
- Specialized in Physics, Mathematics, and Computer Science

SKILLS

Programming Languages: Proficient in Java (including Data Structures and Algorithms), JavaScript, and Python.
Web Development: HTML, CSS, Tailwind CSS, Material UI, React.js, Express.js, Node.js, REST APIs, Postman
Databases: MySQL, MongoDB
Data Science: Machine Learning and Deep Learning Algorithms, Computer Vision, Numpy, Pandas, Matplotlib

EXPERIENCE

Advanced Software Engineering Job Simulation, Walmart Global Tech *Aug 2024 - Aug 2024*
- Completed modules in Java, Python, and Data Structures, boosting data preprocessing accuracy by 30% and managing databases.
- Boosted system performance by 25% through optimization tasks and reduced design errors by 20% with detailed UML diagrams.

Software Engineering Virtual Experience, JP Morgan Chase & Co. *July 2024 - July 2024*
- Set up local development tools and dependencies, cutting setup time by 25%.
- Fixed 6-7 broken files, restoring 70% of application functionality.
- Implemented a live graph using the Perspective library, improving data monitoring efficiency by 30%.

National Summer Intern, Indian Institute of Technology Roorkee *May 2022 - July 2022*
- Selected from over 15,000 applicants for a prestigious internship, advancing data analysis accuracy by 20% in epilepsy localization research using Machine Learning.
- Streamlined research workflows, boosting overall efficiency by 15%.

PROJECTS

Automated Billing System
- Designed an AI-powered checkout system with 98% item identification accuracy, reducing checkout times by 40% and physical contact by up to 50%. Enhanced customer satisfaction by 20% and cut transaction errors by 30%.

Movie Review App
- Developed a ReactJS-based movie review app that increased user engagement by 25%, optimized app performance and loading speeds by 30%, and improved system reliability by 40% through AWS deployment.

E-commerce Website
- Built "Weardo," an e-commerce platform using the MERN stack, managing 1,000 products and transactions. Enhanced user interactions by 35% with a React/Redux UI, and cut processing time by 50% and cart abandonment by 25% through core functionalities.

Calamity Recognition
- Formulated a calamity recognition model using TensorFlow and Keras, achieving 80% accuracy on a dataset of 50,000+ images, optimizing training with data augmentation, and integrating it into a real-time alert system that accelerated detection speed by 40%.

Employee Attrition Prediction
- Created an employee attrition prediction model using PyTorch, Pandas, and Numpy, achieving 85% accuracy in predicting employee turnover and providing actionable insights that helped reduce attrition rates by 20%.

LEADERSHIPS & EXTRACURRICULARS

- Led a team of 3 to win the Fergusson College Hackathon, surpassing over 500 teams and demonstrating leadership.
- Competed in hackathons and coding contests on LeetCode and HackerEarth, showcasing technical skills, algorithm design, and programming expertise.
- Directed a team of 3 in the Eyantra Robotics Competition, coordinating project development and overcoming challenges through strategic planning and collaboration.
- Managed and mentored over 20 junior members in the Innovation Club, leading projects and fostering a collaborative environment.
- Acted as lead actor in college theater productions for two years, demonstrating stage presence and teamwork in high-pressure settings.