Rahul Sharma

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EDUCATION

Bachelor of Technology, CSE-AIML
ABES Engineering College (AKTU) • Ghaziabad, Uttar Pradesh • 2021–2025

XII - 88% , X - 92%
Seth Anandram Jaipuria School • Ghaziabad, Uttar Pradesh • 2021

SKILLS

Python, JavaScript, C/C++, STL, SQL
Web Development, Front End Development, Machine Learning and DevOps (Beginner), Troubleshooting, Debugging, Agile Development, OOPS
ReactJS, Node.js, MongoDB ,Git / GitHub, Docker, Kubernetes, MySQL, Google Cloud, TypeScript, CSS , AWS
Leadership , Time Management , Adaptability , Teamwork , Critical Thinking , Brainstorming

EXPERIENCE

Intern
DRDO   **July 2024 - Present**
- Analyzed extensive scientific data and executed in-depth literature reviews, significantly enhancing the quality and accuracy of ongoing projects, leading to a 30% increase in project efficiency.
- Collaborated with senior researchers to produce 5 technical reports and 3 presentations, enhancing research clarity and driving a 40% increase in positive feedback from stakeholders on project deliverables.

Web Development Intern
Archeva Home Solutions   **October 2022 - December 2022**
- Built and debugged front-end components using HTML, CSS, JavaScript, and React, improving UI responsiveness by 30%.
- Enhanced user experience and responsiveness by 25% through optimized front-end code.
- Implemented website maintenance tasks, including bug fixes and feature updates, reducing site downtime by 25%.

PROJECTS

Full-Stack E-Commerce Platform
- Integrated a responsive e-commerce website with React, Node.js, Express, and MongoDB, enhancing user experience and performance.
- Designed and deployed a robust verification system using JWT, enhancing user access control; achieved a 50% reduction in security breach attempts, with the system actively managing over 5,000 user accounts securely.
- Integrated Stripe payment gateway, handling transactions securely and increasing user trust and conversion rates by 20%.

Video Conferencing Application
- Engineered a real-time video conferencing application using WebRTC, Node.js, Express, and React.
- Applied user authentication and authorization with JWT to ensure secure access.
- Architected and implemented robust RESTful APIs for user sessions, meetings, and chat functionalities; drove a 35% increase in user interaction and improved system reliability by 20%.

CAREitable : Charity and Donation Application
- Developed CAREitable, an Android app with over 5,000 lines of code, using Android Studio and Firebase, facilitating cash and non-cash donations to local NGOs and individuals, supporting over 50 NGOs.
- Applied AI chatbot using OpenAI GPT-3.5 Turbo for real-time donation suggestions and user support, enhancing user engagement and experience.

CERTIFICATIONS

Google Solution Challenge Top 100- 2023
AWS Cloud Practitioner Essentials
GitHub Foundations
JavaScript Algorithms and Data Structures-FreeCodeCamp