AASHIRWAD CHAUHAN

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Education

Chandigarh University, Mohali, Punjab   **2020 - 2024**
B-Tech in Computer Science & Engineering   *8.3/10 CGPA*

DDPS, Muzaffarnagar, UP   **2018 - 2019**
Intermediate   *9 /10 CGPA*

Work Experience

Nokia Solutions and Networks (Software Engineering Intern)   **09/2023 - Present**
Project: Manta Ray NM   *Bangalore, Karnataka*
Feature: 100k Cell Feature

- Spearheaded a comprehensive initiative in React-based front-end development, driving a remarkable 30% increase in user engagement.
- Facilitated seamless collaboration across teams, leading to a 20% reduction in development timeline and improved project efficiency.
- Led the project to success by spearheading web development and automation efforts, culminating in a 25% increase in project completion speed.
- Engineered an interface integrating Backup Solution functionality using React, Java, and XML files, leading to a 25% increase in user engagement during scaling operations.
- Directed the evolution of the product installation pipeline by instituting robust validation processes and automated deployment procedures, yielding a substantial 40% decrease in development duration and facilitating efficient and timely product deployments.
- Collaborated on developing scaling solutions with Python and Perl scripts, improving system efficiency by 5% through managing active and standby configurations.

Projects

PRIME PICKS — E-COMMERCE   **SHOP HERE!**
- Employed Firebase for authentication, managing 100 concurrent active users and facilitating authentication for 2000 - 5000 daily users, maintaining an average of 50,000 monthly active users.
- Implemented JWT for enhanced authentication security, increasing user access control by 40% and introducing caching to reduce metadata retrieval time by 40%.
- Streamlined order processing through the seamless integration of payment systems and middleware solutions; drove a 25% uptick in user engagement and slashed bugs by 30%.

Word X — CHAT APPLICATION   **Chat Here!**
- Leveraged MERN stack technologies, including JavaScript, JWT, Socket.io, Mui, Cloudinary, Redux, Git/GitHub, and MongoDB Atlas.
- Integrated real-time typing and status updates using Socket.io, enhancing user interaction by 40% and reducing metadata overhead by 50% through an intuitive admin dashboard.
- Deployed the application on Render and Vercel platforms for scalable performance, resulting in a 50% decrease in access time.
- Engineered and deployed innovative user-controlled group and chat management features, boosting user engagement by 40% and streamlining chat management processes to reduce operational time by 30%.

Skills

Languages: C, C++, Java, JavaScript, Shell Script
Backend: Node.js, Express.js, Firebase
Frontend: React.Js, Next.Js Tailwind CSS, HTML, CSS, Bootstrap, API, Chakra UI, Sass, Redux
Clouds & Databases: SQL, MongoDB, AWS
Developer Tools: Postman, VS Code, GitHub, Git, Jenkins, Dockers, Gerrit, Kubernetes, Jira, CI/CD
Design Principles: UML, LLD, SOLID Principles, Design Patterns, Agile Methodology
CS Domain Knowledge: DSA, OOPs, DBMS, Operating Systems, Computer Networks, Linux

Certifications

- Received certificates of merit in Software Testing, Machine Learning, and Data Mining.
- Illustrated proficiency in tackling challenges by solving more than 600 problems in DSA.
- Ranked Among the Top 19% of the Leetcode Contest.