

SATYAM KUMAR

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SUMMARY

I am a Computer Science Engineer with a keen interest in the technology domain, proficient in multiple programming languages, including C++, JavaScript. I have a strong understanding of technologies such as React, React Native, and Data Structures and Algorithms (DSA), along with a solid foundation in front-end and back-end development, API integration, and building scalable, interactive visualizations.

EDUCATION

Chandigarh University

B.Tech - Computer Science and Engineering

2020 – 2024

Mohali, Punjab

TECHNICAL SKILLS

Coursework: DSA, Android Development(React Native), Web Development(MERN)

Languages: C++, Javascript, SQL

Technologies/Frameworks: React-Native, Redux, ReactJS, NodeJS, ExpressJS, MongoDB

Developer Tools: VS Code, Android Studio, Git Hub

PROJECTS

VoidShop | React Native

- Developed a React Native e-commerce app, utilizing AsyncStorage for local data management and Redux for state handling. Key features include user authentication, a dynamic product catalog with real-time updates, payments and more.
- Focused on creating a user-friendly interface with catching navigation, ensuring that users can easily browse and purchase products ultimately leading to a smooth and enjoyable experience for users.

Voidboard | MERN – AWS

- Innovated a website to digitally showcase institute resources, using react and javascript for frontend and mongodb for data storing, enabling resource accessibility and collaboration among users. .
- Incorporated features such as user authentication, course management, and interactive quizzes to create an engaging learning environment. Focused on delivering a user-friendly interface that promotes accessibility and encourages active participation in the educational process.

VOIDFINDER | Security Paper

- Conducted comprehensive penetration testing on Aza Fashions website, uncovering and addressing security vulnerabilities in site security and potential data breaches.
- Analyzed system vulnerabilities and discovered major loopholes and compiled a detailed report with recommendations, leading to finding measures for improvement in system integrity and reducing risk exposure.

TRAINING

Internshala

Ethical Hacking

- Acquired knowledge about security tools and demonstrate a project for finding loop holes on websites and made a security paper to analyze it further.

CERTIFICATIONS

- Google It Professional - Coursera
- Web development - Coursera

Soft skills

- Managed a 5-member cross-functional team and coordinated with them toward the successful build of an e-commerce platform.
- Resolved workload conflicts among team members during a group assignment.
- Documenting results and finding in security paper for vulnerabilty of websites.