

AYUSH KUMAR

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Technical Skills

Languages: C++, JavaScript, Python, C, Solidity

Front-end & Back-end: React.js, Next.js, Vite.js, Node.js, Express.js, TailwindCSS, HTML, Bootstrap

Clouds & Databases: MySQL, Firebase, NoSQL, PostgreSQL, MongoDB

Developer Tools: Postman, VS Code, GitHub, Google Cloud, AWS

Work Experience

Software Developer

August 2023 – January 2024

Rootkit Consultancy Services

Pune, Maharashtra

- Developed Node.js, Firebase back-end with Schedulers for maintaining database
- Facilitated integration of API's with native Android and IOS apps, ensuring smooth functionality & user experience.
- Utilized JIRA software to conduct comprehensive testing, resulting in a 20% reduction in bug occurrence and a 30% increase in overall application stability.
- Collaborated with client teams to deliver tailored IT solutions, leading to a 20% increase in client approval ratings.
- TECH STACK: React.js, Next.js Node.js, Firebase, JIRA

Full-stack Developer Intern

July 2023 – December 2023

ISKCON

Pune, Maharashtra (Remote)

- Developed a React Native App from native development to Expo framework and reducing setup time by 50%.
- Developed Login and registration pages with phone OTP verification using Firebase.
- Developed reusable UI react native components with state management and API integration leading to a 25% reduction in development time for subsequent features and enhancements.
- Implemented key optimizations to the Node.js back-end, resulting in an increase in application performance.
- TECH STACK: React Native, Tailwind, EXPO, Express.js, Node.js, MongoDB, Firebase

Projects

Cloud Forensics

- Established cloud server and deployed VMs for memory dumps, refining malware detection.
- Automated memory dump collection on cloud VMs, enhancing malware attack identification.

NLC (National Legislature Conference) - Website and Application

[Website](#)

- Engineered a Firebase Functions-hosted Node.js back-end, integrating React with Firebase Database for robust guest and volunteer management.
- Implemented a concise dashboard, offering a focused overview of event activities with respect to guests, enhancing coordination and insights.

Volstory - Application

- Created responsive components compatible with Android and Web on React Native.
- Developed and configured user login and registration page with Firebase authentication.
- Conducted unit testing, ensuring adherence to security protocols, and resolving any identified bugs in the application.

EduUpdates - Application

[Application](#)

- Developed a self-sustained back-end system utilizing Node.js, Firebase Database, and Firebase schedulers.
- Automated data extraction from public websites to populate our database, ensuring seamless information integration and system efficiency.

Medicine Management and Alternative Finder

- Established a comprehensive inventory management system for medicines utilizing MySQL as the database.
- Implemented a feature suggesting alternative generic medicines based on the closest composition of mixtures with the original medicine, enhancing user options and pharmaceutical management.

Education

MIT World Peace University, Pune

B.Tech in Computer Science & Engineering

2020 - 2024

9.7/10 CGPA

Doon International School, Dehradun

Class 12

2019

91.4/100 %

Kendriya Vidhyalaya, Kathmandu

Class 12

2017

10/10 CGPA

Certifications and Publications

TED: A Multi-Purpose Chat-bot Framework : ICKE2023	May, 2023
Mastering Data Structures and Algorithms using C and C++ : UDEMY	July, 2022
The Complete 2023 Web Development bootcamp : Udemy	November, 2022
Blockchain Specialization : COURSERA	January, 2023

Achievements and Scholarships

- Awarded 75% Scholarship based on merit: MIT WPU in the academic year 2020-21.
- CodeChef April Long Two 2022 Division 3: Global Rank 26.
- CodeChef May Long Two 2022 Division 3: Global Rank 206.
- Awarded 25% Scholarship based on merit: MIT WPU in the academic year 2023-24.
- Solved 500+ DSA problems on Leetcode, building problem solving skills.