

Roshan Kumar

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SKILLS SUMMARY

- **Backend Development** Asp.Net, Flask, NodeJS, Redis
- **Web Development** ReactJS, NextJS, Tailwind CSS, Bootstrap, jQuery
- **App Development** Flutter, Kotlin
- **Languages** C++, Java, Dart, Python, HTML, CSS, JavaScript, TypeScript, SQL
- **Databases** MySQL, Firestore
- **Tools & Services** AWS, GCP, Git, Jira, Postman, Android Studio, VS Code, Visual Studio

WORK EXPERIENCE

SOFTWARE ENGINEER | LEADSQUARED

May 2022 - Present

- Developed and maintained scalable and secure backend services using C# .Net, MySQL, Redis and AWS, ensuring high performance and reliability of new services and improved the performance of existing API endpoints by 20-30% as a Full-stack developer.
- Developed responsive and performant web applications using React JS, Tailwind CSS, Bootstrap, NodeJS, etc., optimizing frontend performance and user experience. Also, given a boost in portal web performance by 60% by optimizing the SDKs.
- Developed and implemented cleanup services to optimize infrastructure resource usage, leading to reduced AWS costs and DB costs by 10%.
- Assisted in troubleshooting and debugging issues across all modules, ensuring 100% adherence to coding standards and robust security practices, which reduced system errors / fatals by 30% with help of tools like SonarLint and ESLint.
- Investigated and resolved complex technical issues reported by clients, achieving 98% customer satisfaction rate through prompt and effective solutions.

SOFTWARE ENGINEER INTERN | REDBASIL

Apr 2021 - May 2022

- Developed robust applications using Flutter as frontend, NodeJS and Python as backend, and Firebase/GCP for scalable cloud solutions to handle large scale of B2B consumption as a Full-stack developer intern.
- Implemented secure Order, Cart, and User Management systems across 3-4 major frontend and backend applications using Firebase security rules to insure database & cloud storage integrity.
- Utilized Pub-Sub mechanism for reliable message delivery and event handling, supporting in 2 multi-lingual Catalog Management systems, enhancing message delivery efficiency by 40%.
- Established Webhook support within the Razorpay Payment Gateway integration, streamlining transaction handling processes which resulted in a 60-70% reduction in payment reconciliation discrepancies and improved reporting accuracy by 40%.

PROJECTS

Job Lister - Web App | Laravel, Bootstrap, MySQL, Google Auth

Mar 2022 - Apr 2022

- Developed a platform for employers to post job openings and for job seekers to search and apply.
- Integrated advanced search filtering, job management features, and secure user authentication using Google Auth Client.

ProbDiscuss QnA - Web App | Angular, Bootstrap, Firebase, NodeJS, Algolia, Google Auth

Oct 2021

- Developed a dynamic QnA platform for professionals and students, enabling collaborative problem-solving through community-driven discussions.
- Integrated a powerful search system for quickly finding relevant questions, answers, and discussions.

Sortlizer (Sorting Visualizer) - Mobile App | Flutter

May 2021 - June 2021

- Developed an app with interactive visualizations of sorting algorithms to enhance understanding and compare performance in real-time.
- Included detailed explanations and educational content to support users in mastering sorting algorithms.
- Published into Google Play Store for easily accessible.

Personal Assistant Chatbot - Desktop App | Python, Tkinter, OpenCV

Sept 2020 - Oct 2020

- Developed a versatile virtual assistant capable of handling both voice and text input, providing a seamless user experience.
- Integrated advanced features such as image search, web automation, and interactive mini games, enhancing user engagement and utility.
- Implemented OpenCV-based facial recognition for secure access, ensuring a personalized and secure user environment.

EDUCATION

Lovely Professional University, Punjab, India

2019 - 2023

Bachelor of Technology, Computer Science & Engineering, CGPA: 8.62

HONORS & AWARDS

- 3rd Rank at **CodeEd** Online Hackathon conducted by HackerEarth Nov, 2020
- 1st Rank at **WebMania 3.0** College Event Mar, 2020
- 2nd Rank at **COFAS** International Computer Event Oct, 2018