Roshan **Kumar**

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SKILLS SUMMARY

- **Backend Development**   Asp.Net / .Net Core, Flask, NodeJS
- **Web Development**   ReactJS, NextJS, Tailwind CSS, Bootstrap, jQuery
- **App Development**   Flutter, Kotlin
- **Languages**   C++, Java, C#, Python, HTML, CSS, JavaScript, TypeScript
- **Databases**   MySQL, Firestore, Redis
- **Tools & Services**   AWS, Git, Kibana, 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**