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**](https://leadsquared.com) **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**](https://redbasil.in/) **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**](https://github.com/roshan9419/job-lister) **|** 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**](http://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**](https://github.com/roshan9419/Sortlizer) **|** 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](https://github.com/roshan9419/PersonalAssistantChatbot) |** 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**](https://www.lpu.in/)**, Punjab, India 2019 - 2023**

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

## **HONORS & AWARDS**

* **3rd** Rank at [**CodeEd**](https://roshan9419.github.io/public-assets/images/achievements/codeed-hackathon.png) Online Hackathon conducted by HackerEarth **Nov, 2020**
* **1st** Rank at **WebMania 3.0** College Event **Mar, 2020**
* **2nd** Rank at [**COFAS**](https://roshan9419.github.io/public-assets/images/achievements/cofas-certificate.jpg) International Computer Event **Oct, 2018**