Roshan **Kumar**

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## **SKILLS SUMMARY**

* **Backend Development** .Net (Core & ASP.NET), Spring Boot, Node.js
* **Web Development** React, Next.js, Tailwind, Bootstrap, jQuery
* **App Development** Flutter, Kotlin
* **Languages** C++, Java, C#, Python, JavaScript, TypeScript, HTML, CSS
* **Databases** MySQL, DynamoDB, Firestore
* **Cloud Services** AWS (Route53, CDN, Lambda, S3, LBs), ELK Stack, Redis
* **Tools & Platforms** New Relic, Kibana, 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, Java, MySQL, Redis and AWS as a Full-stack developer. Optimized API performance by **20-30%**, ensuring high reliability and scalability of services.
* Engineered high-performance web applications using React, Tailwind, & Node.js, enhancing frontend speed and UX. Optimized SDKs, **boosting portal performance by 60%**.
* Optimized infrastructure usage through cleanup services, reduced AWS & DB costs by **10%**.
* Enhanced the logging mechanism by integrating ELK (Elasticsearch, Kibana), enabling faster root cause analysis and reducing debugging time by **40%**.
* 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, Node.js, Java & Python Flask 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 filters, job management, and secure authentication via Google Auth.

[**ProbDiscuss QnA - Web App**](http://probdiscuss-qna.web.app/) **|** Angular, Bootstrap, Firebase, Node.js, 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 on Google Play Store, achieving **1K+ downloads** with a **5-star rating**.

**[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 (Competed against **2000+** participants) **Nov, 2020**
* **1st** Rank at **WebMania 3.0** College Event (Competed at college level against **20+** teams) **Mar, 2020**
* **2nd** Rank at [**COFAS**](https://roshan9419.github.io/public-assets/images/achievements/cofas-certificate.jpg) International Computer Event (Competed against **30+** international schools) **Oct, 2018**