Aditya Kumar

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GitHub   Portfolio

EXPERIENCE

Tally Group   in-office, Bangalore
Software Engineer   *Sep 2023 - Sep 2025*

- Developed and **optimized a stored procedure** that prevented over $**500,000** in erroneous payments, delivering significant cost savings for the Government of Victoria.
- **Optimized a complex MySQL stored procedure**, reducing execution time by over **65%** by narrowing result scope and improving query efficiency.
- Managed and executed **AEMO regulatory schema/database updates** under tight timelines, minimizing downtime and ensuring seamless operations across critical systems.
- Led and developed an automation testing platform using **React** and **Java**, integrating cloud services like **AWS S3, AWS Lambda**, optimizing tester workflows, and saving 5 developers' bandwidth, reducing manual efforts.
- Worked closely with cross-functional teams to gather requirements, develop features, and conduct rigorous testing, ensuring the delivery of high-quality software solutions within deadlines.

Studio SleevsesUp   in-office, Bangalore
Software Engineer   *Mar 2023 - Aug 2023*

- Developed image proctoring feature utilizing **AWS services**, including **AWS Rekognition**, in a serverless environment with **AWS Lambda**. Designed to automatically analyze uploaded images in an S3 bucket, the feature efficiently performs **face matching**, **object detection** (e.g., mobile phones), and **headcount estimation.**
- Developed a comprehensive dashboard within the Examiner flow, consolidating all the data acquired during the examination process. The dashboard encompasses a range of advanced features, notably **question shuffling**, and **precise calculation of marks segmented by sections and categories**.
- Refactored the entire backend for **enhanced readability and maintainability**, integrated the controller advice to **improve code robustness**, and wrote the **Test Cases** for the APIs using **Junit5** and **Mockito** to ensure that the APIs function correctly and meet their intended specifications.
- **Tech Stacks Used**: Kotlin, React (TypeScript), Ant Design, Material UI, Docker, Spring Boot, AWS Rekognition, AWS Lambda, AWS S3, AWS Secret Manager, PostgreSQL.

Geeks for Geeks ⬈   Remote, Bangalore
Technical Content Writer & Editor   *Dec 2021 - Jan 2023*

- Actively written and edited around 200 articles related to **Data structures and Algorithm** (Linked List, Trees, graphs, arrays, strings, etc.) for Geeks for Geeks Web Portal.

SKILLS SUMMARY

- **Programming Languages**: Kotlin, Java, SQL, C, C++, Advanced Java (J2EE), Python, C#
- **Frameworks, and Libraries**: SpringBoot, ReactJs, Redux, Redux ToolKit, CSS, Bootstrap, NodeJs, ExpressJs
- **Coursework**: Operating Systems, Data Structures, and Algorithms, Object-Oriented Programming, Database Systems
- **Development Tools**: **Containerization:** Docker   **Database:** MySQL, PostgreSQL — **VCS:** Git-Github, Bitbucket, Gitlab — **Tools:** Postman, Dbeaver, SSMS, MYSQL Workbench, Azure Data Studio, Azure Service Bus Explorer, VS Code, IntelliJ, DBeaver — **Project Management:** JIRA — **CI/CD**: GitHub Actions, GitLab CI/CD — **Monitoring**: Grafana — **Messaging & Streaming:** RabbitMQ, Apache Kafka

EDUCATION

Ramaiah Institute of Technology, Bangalore   Bangalore, Karnataka
B.E in Information Science and Engineering CGPA: **9.45**   Aug 2019 - July 2023

OTHER ACHIEVEMENT

- Solved **1400+** Coding Problems on different platforms such as **LeetCode** ⬈, **GeeksForGeeks** ⬈ and **Hackerrank** ⬈.
- Scored **10 CGPA** (Class 10, CBSE) and **90%** (Class 12, CBSE)
- Secured an AIR of **897 (COMEDK)** and **1762 (WBJEE)**