Ravi Kishan

Backend Developer •Work Experience: 2 Years

+918209518101 • ravikishandaiya@gmail.com • Rajasthan, India • Open to Remote • Open to Relocate •
LinkedIn • GitHub

Education

B.Tech in Computer Science Engineering
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, NAGPUR
• Nagpur, India

Senior Secondary in Science (Maths)
SHASTRI BN SR SEC SCHOOL
• Sikar, India

Experience

HAPPAY (CRED) • Bengaluru, India (Remote) • 03/2022 — 08/2023
Backend Developer

- Enhanced user experience by developing **drill-down** functionality, **granular charts**, **user session** management, and **user and role-based dashboards**. These improvements provided better chart insights and significantly reduced the effort required for customers to extract valuable information.

- Implemented **email notification** logs for **AWS Batch** and data load **Lambdas**, automating the monitoring process and eliminating the need for manual checks to verify batch and Lambda success.

- Optimized the existing Chartlist API and Detailed Data API by reducing unnecessary database accesses and eliminating redundant data from responses, resulting in a significant reduction in response times from **500-800ms** to **200-400ms**.

- Optimized AWS cloud ETL batches, reducing computational time by more than 4 hours, leading to a monthly savings of **120 hours of computational resources per batch**. Achieved this by improving **data comparison** methods, improving **transformation techniques**, and eliminating unnecessary code.

- Implemented **concurrent bulk email and SMS sender using a producer-consumer approach** with **AWS Lambda, AWS SQS**, and **AWS SES** services. This significantly improved the speed and efficiency of email and SMS notifications. For example, with a **concurrency of 100**, we were able to notify more than **6,000 users per minute**.

CLEVERTAP • Mumbai, India • 03/2021 — 09/2021
SDE Intern

- **Automated user CRUD** (Create, Read, Update, Delete) operations for **Zoom, Miro**, and **Slack** using **Terraform**, streamlining administrative tasks and enhancing **user management** efficiency with the **Terraform provider**.

- Completed **AWS Certified Cloud Practitioner** course and gained hands-on experience with essential AWS services, including **EC2, S3, Security Groups** (SG), and **Virtual Private Cloud (VPC)**.

- Acquired proficiency in **GoLang** and **REST APIs**, including effective development and consumption of APIs.

Skills

Programming Languages: C/C++, Python, GoLang, JavaScript, HTML, CSS
Libraries/Frameworks: Django, Pandas, numpy, Pymongo, psycopg2
Tools/Technology: VScode, Docker, GitHub
Databases: PostgreSQL, MySQL, MongoDB, Amazon DocumentDB
Cloud Services: AWS - CI/CD, Code Pipeline, Code Build, Cloud Watch, S3, AWS Batch, AWS Lambda

Projects

FTP - File Transfer Protocol •
Designed and implemented a client-server file transfer protocol using Python, utilizing OS and threading libraries. The application featured advanced capabilities such as upload, download, indexed searching, and directory navigation, showcasing strong proficiency in Python and system-level programming.

Ludo Game • Link
Developed a Ludo game in C++ using mathematical logic and a pseudo-random number generator, demonstrating strong problem-solving abilities and proficiency in C++ programming.