

RAVI KUMAR

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EDUCATION

Indian Institute of Technology

Integrated Dual Degree (B.Tech + M.Tech) Electrical Engineering

Roorkee

Jul 2012 - May 2017

WORK EXPERIENCE

Nike

Software Engineer III

Bengaluru, KA

Oct 2021 - Present

- Developed microservices in Java with Apache Camel to integrate and transform data between WMS and SAP ERP.
- Developed a Slack bot in Python to automate workflows and handle user support queries.
- Built a Golang web application to provide visibility into order fulfillment status.
- Developed an automation testing framework with Cucumber, improving integration testing coverage across services.
- Developed REST API in Java for handling Givex Gift Card requests
- Built a Golang application for migrating data from ElasticSearch to DynamoDB with real time visibility.
- Built a load testing service using Gatling with support for parallel execution on EC2 instances.
- Identified and executed multiple cloud cost-optimization strategies, achieving significant savings.
- Automated production triage and resolution with Python scripts, reducing issue resolution time by 70%.
- Deployed lambdas in AWS for monitoring queue depths during holiday season and alertion on Slack

Wissen Technology

Software Engineer

Bengaluru, KA

Apr 2020 - Oct 2021

- Developed Python scripts for synchronizing data between tables along with report generation for monitoring.
- Implemented Java APIs for enabling seamless operations across a multi-tenant DB2 database.
- Refactored a legacy web application to efficiently work with multiple databases, improving maintainability.

Infosys

Specialist Programmer

Bengaluru, KA

Aug 2017 - Mar 2020

- Implemented REST APIs for a custom store to onboard U.S. educational institutions for device procurement workflows.
- Developed REST APIs for a content management system backed by Cassandra.

SKILLS

Programming Languages:	Java, Python, Golang, JavaScript
Databases:	SQLite, ElasticSearch, MySQL, Cassandra, Redis
Web Frameworks:	SpringBoot, Flask
Tools:	Git, Gradle, Maven, Copilot, CLI
Technologies:	Docker, Kafka, Jenkins, Terraform, GitHub Actions, Splunk
Cloud:	AWS, GCP (Basic), DigitalOcean
Libraries:	Apache Camel, Boto3, AWS SDK, htmx

PROJECTS

Feeder Python, Flask, Sqlite, DigitalOcean

<https://github.com/rk1165/feeder>

A Python + Flask application to convert any website into an RSS feed

pse Golang, Sqlite, Docker, Github Actions

<https://github.com/rk1165/pse>

A personal search engine which indexes websites in SQLite with full-text search support

Feedcreator Golang, Sqlite, Docker, Github Actions

<https://github.com/rk1165/feedcreator>

Golang application to convert any website into an RSS feed