Parth Aranke

github:arankeparth
arankeparth1912@gmail.com, 7057658471

Languages:
Golang, Python,
Java, C++, C, HTML,
CSS, JavaScript

EXPERIENCE

Druva data solutions, Pune — *Software engineer*

July 2022 - May 2024

- Developed **REST APIs** in **golang/python** and authored accompanying **documentation**. Implemented **Unit test(s)** and **Component test(s)** for the same.
- Designed various components by incorporating various **high-level design** and **low-level design** patterns.
- Always implemented the **customer first mindset**.
- Experienced in **SQL query optimization techniques** to enhance database performance and streamline data retrieval processes for improved application efficiency.
- Developed **CI/CD** pipelines for verifying the code changes as well as for providing build artifacts.
- Enhanced the **response time** of **file path discovery** during **UDA** (Unusual data activity) scans by **20%** through the implementation of **dynamic programming** techniques, including **memoization**.

EDUCATION

Pune Institute of Computer Technology, Pune — *B.E.*

Aug 2018 - June 2022

PROJECTS

Task management system — *Golang, React.js, Docker, AWS*

- Users can create and monitor tasks. They can comment on the tasks as well and see comments made by other users.
- This project adopts a **microservices architecture**, enhancing scalability and flexibility in system design and deployment.

Secure route detection system through pandemic affected regions — *Android app development, Node.js, REST api, json, Google maps api.*

- Integration of Google Maps API for generating possible paths.
- Transmission of paths to backend developed in Node.js for processing.
- Implementation of algorithms in the backend to identify the safest route with minimal proximity to infected regions.

SKILLS

Full stack development: Django, React.js, Angular 7, HTML, GORM, GIN, Next.js

Cloud: AWS EC2, AWS SNS, AWS SQS, AWS s3.

Databases: Mysql, MongoDB, SQL server 2012

Other: docker, git, kubernetes, Agile, Object oriented programming, Communication

AWARDS

Awarded 2nd position in the internal company-wide hackathon:

We built an **AI assistant** that understands natural language input to perform actions like backup, restore and troubleshoot user issues.

LANGUAGES

English, Hindi, Marathi.