

Mukul Singh

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EDUCATION

M.SC. COMPUTER SCIENCE

Department of Computer Science | University of Delhi

2021 - 2023

CGPA: 8.4

B.SC. (HONS.) COMPUTER SCIENCE

Dyal Singh College | University of Delhi

2017 - 2020

CGPA: 7.64

WORK EXPERIENCE

INFO EDGE | SOFTWARE ENGINEER INTERN

January 2023 - June 2023 | Noida

- Implemented the Service Aggregator design pattern in a micro-services architecture.
- Efficiently performed parallel calls to APIs through topological sorting of a directed acyclic graph composed of the APIs.
- Optimized parallel execution of multiple interdependent services, including exception handling and alerting for errors from various external services.
- Developed a deployment strategy for the service to be utilized on a wide scale by various teams across the company.

EKAISOFT | SOFTWARE DEVELOPER INTERN

Jan 2021 - July 2021 | Delhi

- Contributed in building an api server in Golang using Gin framework.
- Implemented OTP delivery system for the login api endpoint.
- Implemented JWT based authentication system.

PROJECTS

UAZO | FACTORY FLOOR QA APPLICATION

ReactJs • Django • Server Sent Events • Flutter

- A full stack solution to track quality of manufactured products in textile factory
- Implemented a react dashboard to get live status of the factory floor and a flutter app for inputs by factory workers
- Implemented asynchronous processing where on each update from the factory floor, fresh reports were created
- The reports were pushed on to the many dashboard screens through server sent events for the live status of factory

COLLEGE NOTICE BOT | TELEGRAM CHANNEL BOT

Django • Postgresql

- Telegram bot which scraps the college website every 10 minutes and sends any new notices to a telegram channel
- Checks for new notices by matching hashes of already stored notices in postgresql database

CARS SHOWCASE | DEMO NEXT.JS WEBSITE

Next.js • tailwind

- The website allows for quick searching of cars based on their make and model and provides user with the car details.

SKILLS

LANGUAGES

Java • Python • Typescript

FRAMEWORKS & TOOLS

Springboot • Django • Next.js • Git • Flutter • Android App Dev • Canva

POSITION OF RESPONSIBILITY

PLACEMENT COORDINATOR | Department of Computer Science - University of Delhi