Saswata Mukherjee

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Education

Kalinga Institute of Industrial Technology, *Bachelor of Technology*

Jul 2019 – Jul 2023

- Currently pursuing B.Tech in Computer Science and Engineering.
- Student in 2nd year with a CGPA of 9.76.

Delhi Public School, Ruby Park, *CBSE*

Jan 2006 – Apr 2019

- Graduated CBSE with 93.4% in Science with CS stream in class 12.
- Accredited 10 CGPA in class 10.

Experience

MayaData, *Intern*

Aug 2020 – present

- Working on LitmusChaos, an open-source Cloud-Native Kubernetes Chaos Engineering toolset for SREs as well as Kubera, a single-click enterprise-level K8s automation solution
- Worked on the design and implementation of several complex UI components as well as large code refactors using technologies like React, Material-UI, TypeScript, and StoryBook.

Developer Student Clubs(Google), KIIT, *Full-Stack Web Developer*

Nov 2019 – present

- Worked on several projects using React, Node.js, Firebase, HTML5, CSS3, MongoDB as well as website maintenance
- Wrote several technical blogs on dev.to 🔗 and took online sessions on YouTube
- Aided in building a strong developer community

Mozilla Club BBSR, *Full-Stack Web Developer*

Jul 2019 – present

- Implemented a new website with React, Firebase, and Bootstrap.
- Organized workshops on Git & GitHub, Streamlit a framework for rapid prototyping of machine learning applications.

Skills

React | Node.js | Express.js | Next.js | Gatsby.js

Styled-Components | HTML5 | CSS3 | JavaScript(ES6)

TypeScript | MongoDB | PostgreSQL | MySQL | Python3

Flask | Golang | RESTful APIs | GraphQL | iOS

Certificates

JPMorgan Chase & Co. - Software Engineering Virtual Internship 🔗
Developed dashboard with React, TypeScript and Perseverance. Implemented data feed with Python3

AWS Fundamentals 🔗
Completed four AWS Fundamentals courses which gives insights into the various services offered by AWS.

GCP Qwiklabs Skill Badges 🔗

Projects

React Job Board, *React, Node.js, Redis, Cron, Express.js* 🔗
- Lists various jobs using GitHub Jobs API
- Uses job queues, cron jobs and pagination
- Material-UI for design

Quote Search Engine,
Go, Elasticsearch, Next.js 🔗
- Scrapes Goodreads quotes and indexes data into Elasticsearch for robust analysis
- CLI and Frontend UI present for searching data

Data Science API,
Python3, Scikit-Learn, Flask 🔗
- RESTful API built with Flask
- Provides ML Algorithms such as Regression using scikit-learn
- Returns predictions, accuracy scores, confusion matrices

React Rainbow Scrollbar,
React, ES6, NPM 🔗
- NPM module
- Provides Rainbow scrollbar for React apps
- Over 233 downloads