Abhishek K. Ghosh
Sr. Software Engineer - Fullstack

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https://leetcode.com/Apakg/

Fullstack SDE with ~ **4** yrs of progressive experience into software product engineering, building & delivering high quality software. Efficient in building & crafting large scale enterprise apps, system design, in cloud platforms, distributed computing, Agile & SDLC. Having high level proficiency in Java, React, Spring Boot, Python, Go, REST API; Strong analytical & problem solving skills. Hustler & Excellent in Research and creating time efficient solutions.

SKILLS

- **Languages:** Java, Go, Python, Typescript, ES6, HTML5, CSS3, C++
- **Technologies:** J2EE, Spring Boot, Kafka, ETL/ELT, Micro-services, AngularJS, ReactJS, Redux, SQL, NoSQL, AWS/GCP, Linux, REST/gRPC, Docker, Kubernetes, Data Structures Algorithms, CI/CD, Jenkins, GIT

EXPERIENCE

Software Engineer - Data apps + frontend engineering.
Google TVC (Java, Go, ReactJS, Angular, Python, GoogleSQL, Bazel, ETL, BigQuery)

- Led the design and development of multiple enterprise-level application systems of **Google's** Networking Capacity management group driving $10 million of cost savings per year for WAN networks using the latest technologies of GCP, Golang, Java, Python, React, Ngrx, BigQuery, protobuf, Key store, GAE, SQL.
- Designed frontend apps, data analytical tools and implemented scalable API's, batch processing, Big data engineering, Borg cron jobs for reporting network data utilisation, automated and optimised the data pipelines, developed ETL/ELT pipelines contributing thousands plus lines of code under Google enterprise network codebase.
- Pioneered the foundation of several products E2E, from identifying system requirements and partner dependencies to software implementation, engineering, testing, and configuring metrics, monitors, and dashboards.
- Revitalised the data modelling, RCA and implementation of dashboards which cater to headcount which cut-down manual paperwork by 80%. Built the tool using Python 3, CloudSQL & Google App engine.
- I am a flag bearer for raising the code quality of the team, setting an example, providing thorough code reviews. Helped hire skilled & promising software developers by conducting interviews. Working @Google through Tech Mahindra

Full stack Software Developer – VersionX Engineering Team.
Crimson AI LLP (Java, Spring Boot, Python, Angular8, MySQL, MongoDB)

- Part of core engineering development team developing a SAAS based software product "Trinka Cloud" (www.trinka.ai) which is a Language & Grammar Editor, AI Automation Tool.
- **Reported directly to CTO** - Engineering lead and programmed, refactored and added 10+ micro-services as per the requirements. Collaborated with the product stakeholders, cross-functional teams for new features development.
- Have architected word count tool and sentence segmentor which reduces the file data processing from average of 9 seconds to 3 seconds for a megabyte file size.
- Refactored and revamped existing various applications using Java 8, Python Django, Flask, Angular8. Engineered the backend by adopting MySQL, PostgreSQL and Spring Boot, RabbitMQ, Kafka.
- Established REL pipelines, Deployment of various services on AWS S3. Consumed Machine Learning models. Enriched system metrics by integrating the platforms with logback, log4j logging and used spring boot actuator, Prometheus, Grafana for health check monitoring of the applications.

Software Engineer.
Vernost.com (Java, Spring Boot, Node, ReactJS, MySQL)

- Designed the UI using ReactJs, Redux and the backend application using Node, Express for **JET** Privilege Aviation Group Digistores (www.intermiles.com) which is an online store for purchasing of gift cards and redemption of raffles, reward points on successful booking of flights, hotels.

- Implemented Restful API's using NodeJS, Spring Boot 3. Consumed the API's in React with Axios.
- Involved in GO-Live & deployment activities to SIT/UAT/Production. Incorporated VAPT in the application in identifying the security vulnerabilities in the application, network.

• EDUCATION:

University of Mumbai, India - Bachelors of Science, Major in Computer Science (GPA: 9.78/10) (Rank-1)

Maharashtra State Board, India - H.S.C (Grade: 82 %)

Maharashtra State Board, India - S.S.C (Grade: 94 %)

• CERTIFICATIONS & ACHIEVEMENTS :

Python certification from Google & Coursera (Credential ID: BKYLK7ZAS99T)

Python, R programming, Scilab certification from **IIT Bombay**.

Secured 1st rank in university academics and engineering activities.

Spot appreciations from Google TPM's and Director