

Biswajit Kaushik

biswajitkaushik02@gmail.com | +91 9625671625 | [LinkedIn](#) | [GitHub](#) | [LeetCode](#)

EDUCATION

Indian Institute of Information Technology, Kota (IIIT Kota)
Bachelor of Technology in Computer Science and Engineering (CSE)

2020 - 2024
CGPA – 8.68

WORK EXPERIENCE

Software Developer Engineer Intern- [Samsung R&D](#)

Jan 2024 - Present

- Part of Samsung Health team working on developing solutions to digitize health records of our users, making it easy for them to view and share their health history seamlessly and securely.
- Tech Stack: Kotlin, Java, Android

Open Source Developer- [OpenStreetMap](#)

Jan - May 2023

- Developed the geocoding search engine which serves **30 million queries daily** on a single server. [↗](#)
- **Implemented a delete tags sanitizer** to enhance the security of the database and ensured integrity through the addition of **unit tests** using **Pytest** with **100% test coverage**. [↗](#)
- Improved filter function for sanitisers by removing redundant code and generalizing the function for multiple use cases. [↗](#)
- **Created scripts for automation** of project description. Integrated **CI test on GitHub actions workflows**. [↗](#)
- **Resolved multiple tagging bugs and issues** and improved code readability through **comprehensive documentation**. [↗](#)
- Actively engaged in **code reviews**, actively **participated in discussions**, and iteratively enhanced functionalities.

Technical Content Writer - [GeeksForGeeks](#)

Feb - April 2022

- Authored in-depth, comprehensive and informative articles on **React**, **Git**, and **TypeScript** achieving **16000+** impressions. [↗](#)

PROJECTS

LogFlow Insight - Log Ingester and Real-Time Query Interface [GitHub](#), [Video Demo](#)

- A **distributed system** that provides a server for high volume log data ingestion over HTTP and a real-time query interface to search logs based on 7+ filters. Utilizes Elasticsearch database for storage and retrieval of log data
- Ingester server built using FastAPI which **handles multiple concurrent requests asynchronously** and quick data serialization.
- Employed **docker to containerize components** that allows quick shipping, deploying and scaling of the software.
- Tech stack: *Elasticsearch, FastAPI, Flask, JQuery, Bootstrap, Docker*

Youtube Watchman - Youtube Data API-Based Dashboard App [GitHub](#), [Website](#)

- Utilized Youtube Data API to efficiently detect video uploads on channels and trigger events.
- Integrated **email and automatic comment functionality** to comment on new videos on behalf of the user.
- Employed **Flask framework to develop REST APIs** and login functionality using **Google OAuth 2.0 and server-side sessions**.
- Utilized **AWS Elastic Beanstalk and RDS for deployment** and hosted it on a personal website on a custom domain.
- Tech stack: *Flask, React, Tailwind, OAuth 2.0, SQLAlchemy, SMTP protocol, python multithreading*.

POSITIONS OF RESPONSIBILITY

Core Team Member - IIIT Kernel Club

Jan 2022 – Jan 2023

- Organized and hosted career talks with college alumni on future opportunities in software development with 100+ attendees.

ACHIEVEMENTS

- Rated **2194** (Guardian) on LeetCode (**Top 1.1% worldwide**). Solved 700+ problems on multiple platforms. [↗](#)
- Secured Global rank **175** among 24000+ participants in Leetcode Weekly Contest 353. [↗](#)
- Achieved rank of **675** in **Google Kickstart Round H**. [↗](#)
- Codeforces Specialist with a **1430** maximum rating. [↗](#)

SKILLS

Tech Skills: C++, Python, Javascript, ReactJS, Flask, SQL, MongoDB, Scripting, Debugging, Git, NodeJS, CI/CD, Docker, Linux, AWS