

Akash Gupta

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Education

Kalinga Institute of Industrial Technology

June 2019 – July 2023

Bachelor of Technology in Information Technology CGPA: 9.38/10

Bhubaneswar, Odisha

Relevant Coursework: Data Structures, Algorithms, Operating Systems, DBMS and Computer Networks.

Experience

Google Summer of Code

May 2021 – August 2021

Student Developer - MetaBrainz Foundation Inc

Remote

- Developed a new feature "Series" entity for **BookBrainz** used by 2000+ users and added support in BookBrainz **API**.
- Designed and created the database schema, Implemented the corresponding ORM models and functions with tests.
- Created the web server routes and frontend components.
- Increased coverage by 5 percent by adding unit and integration tests using Chai and Mocha framework.
- Worked on technologies such as React, Redux, Typescript, Nodejs, PostgreSQL, Bookshelf.js(ORM), and ElasticSearch.

Google Developer Students Club, KIIT

August 2020 – Present

Full Stack Web Developer

Bhubaneswar, Odisha

- Rebuilt the website from scratch for improved performance and added new features.
- Developed the participant web portal for **ASJX** - an online hackathon. Integrated Devfolio SDK script for registrations, logging and submissions.
- Organized KIIT University's biggest android hackathon.
- Worked with different languages, platforms, frameworks, and content management systems such as TypeScript, JavaScript, Next.js, React, Strapi, Material-UI, and Vercel.

Elastic Contributor Program

Feb 2021 – Present

Contributor

Remote

- Helped in the development of **Elastic UI Framework**, which has over 20k+ downloads per week on npm.
- My work includes fixing bugs, adding features, improving documentation, and writing tests.
- Automated accessibility testing using AXE and debugged several issues.
- Worked with Typescript, React, Jest and ally.

Projects

Coding Platform | Javascript, React, MongoDB, Nodejs, Express

August 2020

- Developed a coding portal where people can practice their coding skills.
- Integrated a compiler that supports code execution for C, C++, Python, and Java.
- Integrated CodeMirror, a versatile text editor for editing code.
- Executes code against test cases (default or custom) to measure the correctness of the user's code.
- Used Google OAuth authentication strategy for sign-in/sign-up.

Jammming | React, Spotify API

May 2020

- A web application built with React that allows to search the Spotify library, create a custom playlist, and then save the playlist to their Spotify accounts.

Technical Skills

Languages: JavaScript, C, C++, Python, SQL

Development: React, TypeScript, Next.js, Node.js, Express, BookShelf.js(ORM), Chai, Mocha

Database: MySQL, PostgreSQL, MongoDB

Others: Linux, Git, Software Testing, API Development, Problem Solving

Additional

Open Source Contributions: Contributed to Layer5, Meshery, Open Collective, Dev Protocol.

Elastic Contributor Program: Currently **ranked 4** in East Asia, South Asia, Southeast Asia, and Oceania region leaderboard.

Writing: Published multiple technical articles on **Medium**.