

Ashutosh Chauhan

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Work Experience

Software Engineer Intern

May 2023 – Jul 2023

Japanese StartUp, I'm besideyou Inc

Remote

- Developed dashboard for [Mindly application](#) utilizing AWS Serverless Lambda, RDS, S3 and API Gateway.
- Built and documented 27 scalable API endpoints for scheduling and deleting Zoom sessions.
- Integrated Google Calendar API for calendar events and SMTP service to send emails which reduced 75% code.

Full Stack Developer Intern

Jun 2022 – Dec 2022

IRA, IIT Jammu

Jammu, J&K

- Led team of 3 interns building [IRA application](#) using Flutter, Django, and AWS, resulting in 300+ users on launch.
- Built 5 core modules, role based authentication with Google sign-in and integrated firebase analytics.
- Authored [71 pull requests](#), led testing and deployed application on Amazon EC2, RDS, S3 and ElasticCache.

Google Summer of Code Student

May 2021 – Jul 2021

Oppia Foundation

Remote, Open Source

- Migrated 12 core pages and services to the Angular, resulting in a faster user experience with 100% test coverage.
- Redesigned and implemented new routing architecture using lazy loading with the angular router, decreasing page loading time from 3 seconds to 200-500 milliseconds and internal navigation time to 100ms.
- Resulted in the successful implementation of [Google Summer Code 2021 project](#), outcome available at oppia.org.
- Mentored the program in GSoC 2022 with responsibilities including weekly meetings and quality code reviews.

Education

Indian Institute of Technology Jammu

Jun 2024

Bachelor of Technology in Electrical Engineering - CGPA: 8.72/10

Jammu, J&K

DAV Public School Alampur (CBSE)

April 2019

12th Standard - 93/100%

Kangra, H.P.

Projects

Oppia Web | [Github](#)

- Co-lead the angular migration team of 5 members resulting in the migration of 60% codebase to Angular from AngularJs, which made the application faster and achieved 100% unit testing coverage on migrated files.
- [Merged 101](#), [reviewed 259 pull requests](#), coordinated weekly meetings, and helped onboard five members to open source.

Conversational Fashion Outfit Generator | [Github](#)

- Built fashion e-commerce platform using React.js, Django and SQL Database.
- Integrated LLM pipeline to provide conversational experience to the user for purchasing outfits and getting recommendations.

Chatroom | [Github](#)

- Built a real-time chat system using React, Redux, MongoDB, and WebSockets, and deployed it on Amazon Web Services.
- Integrated a sentiment detection machine learning model using TensorFlow.js.
- Constructed a voice recognition pipeline with Google Cloud.

SEC Filings Analyzer | [Github](#)

- Built financial performance analyzer for SaaS companies using Angular and chart.js.
- Developed API using Django and PostgreSQL, which scraps data from the EDGAR database, and deployed on AWS.

Skills

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

Frameworks: React, Angular, NodeJS, Django, Flask, Flutter

Databases: MongoDB, MySQL

DevOps: AWS EC2, S3, RDS, Lambda, Heroku, Firebase, Docker, Git, Github, Linux

Coursework: OOPS, Data Structures and Algorithms, Computer Architecture, DBMS, Machine Learning, Deep Learning