

Gagandeep Singh Bhambrah

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Introduction

I'm a versatile Software Developer that takes security first approaches towards development, and excels at debugging and troubleshooting, with experience in creating robust and scalable solutions in various different technologies and architectural styles.

Education

2019 - 2023

B. Tech, CSE at GIET University, Gunupur, India
Major in Cyber Security
CyberSecurity Lead at Google Developer Student Club - 3rd year
Scored 8.82 CGPA

2017 - 2019

Intermediate Degree at DEMS, Rourkela, India
Major in Science (PCM)

Work Experiences

Sept 2024 - Present

Senior Development Engineer at [Calsoft Inc.](#), Pune, India

- Often undertook Responsibility as the acting lead of the Backend Team.
- Improved performance of various backend components by over 40%.
- Researched, Documented and implemented various improvements for performance and productivity.
- Supported Dev-ops to help deployment and fix deployment issues in real time.

Stack : AWS | Java | Quarkus | Lambda | DynamoDB | Golang | Gin | Postgres

Jul 2023 - Sept 2024

Development Engineer at [Calsoft Inc.](#), Pune, India

- Collaborated with a team of 50+ developers to create, manage and test Java and Go-based microservices and lambda backends.
- Designed and implemented key features such as multi-person approvals, security middlewares, and efficient background tasks.
- Undertook POCs for implementing experimental and enhancements, like SnapStart and At Rest Encryption.
- Supported deployment to production and helped fix deployment issues in real time.

Stack : AWS | Java | Quarkus | Lambda | DynamoDB | Golang | Gin | Postgres

Jul 2022 - Jul 2023

SDE Intern at [Calsoft Inc.](#), Pune, India

- Received technical and soft-skill Training from my learned colleagues.
- Trained on various technologies like Angular and Spring.
- Gained hands-on experience with VMware vRealize Operations (vROPS) and vRealize Orchestrator (vRO).
- Worked on a multithreaded CLI Application for a leader in the Virtualization Industry, for migrating older virtual network architectures to a more recent framework

Stack : Python | Java | XML | VRO | VROps | NSX

March 2022 - May 2022

Consultant at [Brane Enterprises](#), Remote, India

- *Worked on a Real-Time Smart Home Project, contributing by creating from scratch and deploying the backend.*
- *Implemented various challenging features, like Requesting and Sharing access to other users, along with metrics logging, like Voltage and Amperage of devices, etc.*
- *Added Proper Security mechanisms for registering smart devices and users*

Stack : Python | SocketIO | Django | Postgres | Docker

Aug 2021 - Jan 2022

SDE Intern at [Rethink UX](#), Remote, India

- *Scraped ~30 websites, each having ~2GB of data, cleaned and organized to be used for marketing.*
- *Maintained the application, bugfixed various underlying issues, and developed features like marketplace, and earning by referral for a popular Social Media Application. Integrated Payment System, coupons, etc.*
- *Designed the UI from a given figma with pure CSS and Integrated Payment Systems for a E-Commerce application.*
- *Developed experimental features for [Crove](#), like plug and play data converter plugins.*

Stack : Lambda | Chalice | Python | NodeJS | Pandas | Django | JQuery | AWS | Razorpay | Wordpress | Apache2 | Stripe

Other Experiences

Oct 2022 - Jun 2023

Consultant, at [JatraJagat](#), Remote, India

- *Co-developed the backend for JatraJagat in a team of 3 using Django.*
- *Responsible for creating, deploying, and pipelining the CI/CD for the application from scratch.*
- *Successfully generated considerable revenue during the project's live period.*

Stack : Django | NodeJS | Mysql | Redis | AWS | Github Actions

Apr 2022 - Sep 2022

Consultant, at [Wisbox](#), Remote, India

- *Led a team of 5 in the development of the backend for a Swiggy Instamart-like application using Django.*
- *Created the backend, overseeing the deployment and pipelining the CI/CD for the application, all from scratch.*
- *Added challenging features like GIS, used for navigation, and region based filtering purposes.*

Stack : Django | Postgres | AWS | Github Actions | GIS

Achievements

- Got Facilitated on Stage by our HOD for co-developing the GIET All In One App Backend.
- Received swags from GitHub for contributing to [Intel](#) at Hacktoberfest 2022.
- Received Commendation from Clients and got coined as a Star Employee at Calsoft Inc. for my exceptional performance.