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

Jul 2023 - Present
> **Development Engineer** at [Calsoft Inc](#), Pune, India

- *Collaborated with a team of 50+ peers to develop a Java and Go-based microservice backend.*
- *Designed and implemented key features such as multi-person approvals, security middleware, and efficient background tasks in both Go and Java.*
- Undertook POCs for implementing experimental and potential enhancements, like implementing SnapStart and At Rest Encryption.
  Stack : 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 by creating personal projects.*
- *Gained hands-on experience with VMware vRealize Operations (vROPS) and vRealize Orchestrator (vRO), by creating and deploying various plugins.*
  Stack : Java | XML
- *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

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.*
  Stack : Python | Pandas
- *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.*
  Stack : Django | Python2 | JQuery | CSS | HTML | S3 staticfiles | UWSGI + Apache2 | Razorpay
- *Designed the UI from a given figma with pure CSS and Integrated Payment Systems for a E-Commerce application.*
  Stack : Wordpress | CSS | Apache2 | Stripe
- *Worked on experimental features for [Crove](#), by creating from scratch, data converter plugins, made in python that could read docx files into SlateJS, and accompanying plugins with nodeJS, made to be pluggable into react appliations, for converting slateJS into docx.*
  Stack : Lambda | Chalice | Python | NodeJS

Other Experiences

Oct 2022 - Jun 2023
  Consusltant, 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

Skills

★★★★★
  Python | Java | Git | Django | Quarkus | HTML | CSS | JS | AWS | Linux | Docker
★★★★
  TypeScript | Bash | SQL | NoSQL | Angular | NextJS