

Harsh Dutt

Chandigarh, India

+91 9915895640 | harshdatt17@gmail.com | hx4sh.vercel.app | HarshDutt17 | harshdutt17

Summary

Passionate Full Stack Developer with robust problem-solving abilities and extensive experience in designing, developing, and deploying distributed systems. Proficient in React.js, Vue.js, FastAPI, and Spring Boot, with a proven track record of optimizing performance and leading successful projects. Strong background in machine learning, cloud computing, and modern web technologies. Recognized for excellence in hackathons and technical competitions.

Education

Punjab Engineering College (Deemed to be University)

Bachelor of Technology - Computer Science and Engineering

CGPA - 8.79

Chandigarh, India

Nov 2020 - Jun 2024

Work Experience

Arcesium

Software Engineer Intern

Gurugram, India

May 2023 - Jul 2023

- Implemented **Hazelcast distributed cache management** in a server-side **springboot** application with over **40** tenants, effectively reducing API response time from **3-digit ms** to **2-digit ms**
- Streamlined and implemented a modular code structure that eliminated unnecessary database calls in a high-traffic production application with **160** transactions per second.

STGI Technologies Consulting Pvt. Ltd.

Software Engineer Intern

Panchkula, India

Dec 2022 - May 2023

- Led a team to deliver a document classification and validation software utilizing **LayoutLmv3** classification, **YOLO** object detection, and SVM techniques, resulting in positive feedback from clients and reducing application processing time by **5 hours**.
- Deployed and managed **2** ML solutions on **AWS Cloud** using services such as EC2, Sagemaker, Elastic Beanstalk, and storage options such as EFS, EBS, and S3.
- Successfully created full-stack applications using **Vue.js**, **Vuetify**, and **FastAPI**, while implementing unit testing for both front-end and back-end. Developed VSCode extensions and snippets to enhance development efficiency.
- Migrated a Node.js application from **LoopBack 3** to **LoopBack 4**, updating the codebase to incorporate the latest features and best practices of the framework while ensuring seamless functionality and performance.

Foxmula - The Smart Way

Frontend Intern

Remote

Jun 2022 - Nov 2022

- Reduced bugs by **25%** and integrated frontend with backend in Worksickle project by migrating from HTML and JS to ReactJS.
- Independently developed Inversion project from scratch using Tailwind and MUI library.
- Resolved API request and payment process issues for Foxmula website with **1000+** users, ensuring uninterrupted service.

Achievements

- JP Morgan's **Code For Good' 2023** Hackathon Winner Jul 2023
- Completed **AWS Cloud Practitioner** Certification May 2023
- Won **Codeblooded 4.0**, a 24hr-Hackathon Nov 2022
- Qualified as College Finalist for **Smart India Hackathon'22** Mar 2022
- Contributed to Hacktoberfest'21 (an Open Source event) by successfully merging **6 PR** Oct 2021
- Achieved a rating of **1907** & Global Rank **309** CodeChef June Cook-Off Challenge on CodeChef platform Jun 2021
- Attained **Global Rank 1** in CodeChef May Long Challenge May 2021

Skills

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| Programming | C++, Python, SQL, Bash, Java |
| Development | Reactjs, VUE, Firebase, FastApi, Loopback, Spring boot, Flutter, Tailwind CSS, Git, HTML, CSS, Bootstrap |
| Platforms | Linux, Web, Windows, EC2, Android, iOS, Arduino, Raspberry |
| Languages | Hindi, English |