

# GARV JAUHARI

Pune, Maharashtra ◇ +91 6307129301 ◇ garv.jauhari@gmail.com

[GitHub](#) ◇ [LinkedIn](#) ◇ [Portfolio](#)

## EDUCATION

Indian Institute of Information Technology, Pune

Nov 2022 - Present

Bachelor of Technology in Electronics and Communication Engineering

Pune, Maharashtra

**Relevant Coursework:** Data Structure & Algorithm | Object-Oriented Programming | DBMS | RBMS

Operating System | Full-Stack Development | API Optimization | VLSI | Agile Development

## TECHNICAL SKILLS

**Programming Languages:** C | C++ | JavaScript | Java | Python | Linux | HTML | CSS | SQL

**Technologies:** React | Node.js | Express.js | Next.js | Socket.io | PostgreSQL | Docker | Flask

**Development Tools:** VS Code | Git | Selenium | AWS | Figma | CI/CD | |Microservices

**Core Concepts:** Data Structure & Algorithm | DBMS | Operating System | System Design | Web Development | Object-Oriented Programming | Embedded Systems | VLSI

**Databases:** MySQL | PostgreSQL | MongoDB

## PROJECTS

Online Treasure Hunt [\[GitHub\]](#)

**Tech Stack:** React, PostgreSQL, Express.js, Node.js

- Redesigned **PostgreSQL** queries, improving query efficiency by **30%** and handling **500+** API calls/sec, ensuring **99.9%** uptime during the event.
- Constructed a **scalable backend**, optimizing server performance to support **350+** concurrent users, ensuring seamless real-time event tracking.
- Engineered API rate-limiting mechanisms, preventing **DDoS vulnerabilities** and enhancing system security.

Travfin: Travel and Finance [\[GitHub\]](#) | [\[Live\]](#)

**Tech Stack:** Docker, Express, MongoDB, Langchain

- Engineered an **expense management system** for travel groups, enabling users to track over **100+** shared transactions.
- Integrated an **AI-powered chatbot** providing travel suggestions and cost estimates for **50+** destinations.
- Designed scalable group chat and trip coordination features, with future plans for **Payment Gateway** integration.

Cryptocurrency Trading Simulator [\[GitHub\]](#) |

**Tech Stack:** GSAP, Tailwind, Flask, WebSockets

- Designed and deployed a real-time system to compute transaction costs across **5,000+** daily market events with **97%** precision.
- Analyzed market impact trends to support strategic trading decisions, reducing slippage by **22%**.

## EXPERIENCE

Web Development and Event Management Head

Dec 2022 - Present

E-Cell IIIT Pune

- Spearheaded the organization of an e-summit with **200+** attendees, overseeing event promotions and stakeholder collaboration.
- Managed a team to implement **SEO-driven web strategies**, increasing digital reach and engagement for events.

## ACHIEVEMENTS

- 2nd Place** among **2000+** participants – [Stylumia NXT National Hackathon](#)
- 4th Place** among **70+** teams – [Brain-it-on National Hackathon](#)
- Participated in **GDG on Campus Solution Challenge** – [Hack2skill](#)
- Finalist** among **100+** teams – [Trinit Hackathon \(NITs\)](#)
- Participated in **BuildWithIndia National Hackathon** – [BuildWithIndia](#)
- Solved **300+** DSA problems on platforms like **LeetCode**, **InterviewBit**, **GFG**.