# Shrinish Vhanbatte

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## Education

**Indian Institute of Technology, Kharagpur (IIT Kharagpur)**                    **2019 - 2024**
*Dual Degree (B.Tech + M.Tech) in Civil Engineering*                             *8.16/10 CGPA*

## Internships and Experience

**TCG Digital — Product Engineer Intern**                             **May 2023 – Jul 2023**
- Built a Web App which generates source code and Dockerfile for CRUD Web App from app specs provided by user
- Implemented a range of features on the website, using React, Node.js, and PostgreSQL to enhance the user experience
- Integrated CSV file upload to populate generated Web app with CSV data and built frontend using ReactJS, MaterialUI

**AYVA Labs — Software Product Development Intern**                   **Jan 2022 – Mar 2022**
- Designed and Built the Admin Panel frontend with ReactJS in order to improve the user experience of the Ops Team
- Implemented a Video Calling feature to increase patient-doctor engagement by using Twilio Javascript SDK
- Integrated Payments feature with Razorpay API and also facilitated Google Analytics to help the research of Ops Team

## Projects

**Resume Ranking with LLMs** | *Django,Langchain,NextJS,TailwindCSS*| Github Link | Demo Video        **December 2023**
- Built a Web app for ranking resumes as per a given input job description with NextJS and Tailwind CSS
- Implemented an engine where with langchain,LlamaIndex the overall relevancy score of every resume is calculated
- Built a functionality that extracts all the important details of resume in structured JSON format using LLMs
- Developed a Django API which can be consumed to utilize the engine and get appropriate resume ranking as per JD

**Advanced Search Engine** | *React,NodeJS,MongoDB,VectorSearch*| Live Link                     **Mar 2023**
- Developed a movie streaming platform with an advanced search bar for effectively searching movies.
- Integrated a recommendation system based on search history and generated results based on the stored watch history
- Engineered semantic search with plot and poster embeddings using MiniLM and image-to-text conversion with GPT4

## Competitions / Achievements

- Received a maximum rating of 2140 (top 1.46%) on LeetCode, 1812 on CodeChef,1529 on Codeforces (handle: bhatte)
- Secured a global rank of 865 and 1440 in the Google Kickstart Round H, B 2022 respectively organized by Google
- Achieved a global rank 1531 in Meta HackerCup Round 2 and won a HackerCup T-shirt awarded to top 2000 participants

## Honors / Awards

**InterIIT Tech Meet 10.0 - Mercari - Large Scale System Design Hackathon**              **March 2022**
- Won Gold to propose a scalable,cloud solution for a HealthCare Management System using Microservices architecture
- Incorporated Kubernetes for container orchestration, and docker as the underlying containerization software.

**Website Hackathon - IIT Kharagpur**                                                **April 2022**
- Won the Best Feature Prize for Notifications implemented using NodeJS, ExpressJS among 30+ teams

## Skills

- **Languages** : C, C++, Javascript, Python
- **Technologies**: ReactJS, NodeJS, MongoDB, MySQL, PostgreSQL, SocketIO, Docker, Kubernetes, Microservices

## Positions of Responsibility

**Technical Team Head — Kshitij , IIT Kharagpur**                         **Sept 2020 - April 2022**
- Conducted a web-development summer workshop for juniors which saw a participation of 600+ 1st-year students
- Implemented the Google Sign-in functionality and integrated web pages of Relic Hunter Website in React

**Associate Manager — Web Team — Inter IIT Tech Meet 10.0**               **Dec 2021 - Mar 2022**
- Coordinated with the Web and Operations Team and developed the website for Inter IIT Tech Meet with React

## Open Source Contributions

- Mentored 10+ KOSS students in 2021, and 2022, fostering growth in tech through projects like Mumble and letsUpsolve
- Contributed to RocketChat addressing issues and submitting PRs, showcasing opensource engagement