

EDUCATION

- Indian Institute of Technology Ropar

July. 2018 – May. 2022

B.Tech in Electrical Engineering

Ropar, India

Coursework: Algorithm and Data Structure, DBMS, OOPS, Linear Algebra, Basic Calculus, Differential Equations, Digital Circuits

PROFESSIONAL EXPERIENCE

- LTIMindtree

July 2022 - Present

Senior Software Engineer

Pune, Maharastra

– I contributed to the development and delivery of innovative Banking and Financial solutions, leveraging my expertise in cutting edge technologies like Generative AI, Frontend, Backend and a variety of databases.

– Successfully developed and delivered 7+ projects within two year as part of the BFS Innovation Lab, showcasing my ability to work efficiently and effectively in a fast-paced environment.

– Collaborated with cross-functional teams to deliver (PoCs) and demonstrations to clients and partners, showcasing the capabilities of our solutions. Demonstrated proficiency in deploying solutions using Docker, ensuring seamless deployment and scalability.
- MyHashCode

June 2021 - August 2021

Software Developer Intern

Remote

– Developed a Common Grid Component to show the data through fetching the API's with React JS which contains the Sorting, Filtering, Pagination and hide column functionalities.

– Designed a Feedback page for rendering the grid component and identifies the Feedback APIs for the same. Additionally, created a Redux Store to do CRUD operations in the Internship section like Add, Delete, Update and Load all internships.

PROJECTS

- Ecommerce

Aug. 2023

React 18, Redux, Tailwind, Node, Mongoose, MongoDB, Express

GitHub

– Built a fully functional ecommerce website from scratch, implementing both frontend and backend using modern web technologies. Leveraged Redux for efficient state management, allowing for a dynamic shopping cart, user authentication, and product filtering.

– Implemented a RESTful API using Node.js and Express to handle key ecommerce functionalities such as product management, user authentication, and order processing. Integrated MongoDB as the database for secure and scalable storage, utilizing Mongoose for effective schema-based data modeling.

– Set up secure user authentication and authorization using JSON Web Tokens (JWT), ensuring data security and access control.
- Cold Mail Generator

Oct. 2024

Python, Langchain, Pandas, ChromaDB, Streamlit

GitHub

– Built a custom large language model (LLM) using ChatGroq API to generate personalized and contextually relevant cold emails to specific job roles.Utilized Langchain's web-based loader to extract job listings directly from company career pages, streamlining the email creation process.

– Loaded and managed portfolio links and tech stacks from a CSV file using Pandas, allowing dynamic querying based on the extracted job descriptions. Created a ChromaDB vector from the CSV file containing tech stacks and portfolio links, enabling precise matching between job requirements and relevant portfolio items.

– Developed prompts to generate professional cold emails based on job descriptions and portfolio links, ensuring each email is tailored to the job requirements and highlights the most relevant work samples.

TECHNICAL SKILLS

- Programming Languages: C/C++, Python, JavaScript, HTML, CSS

• Frameworks: React, Redux, Node, Express, Langchain, RestAPI, Bootstrap, Material UI, Tailwind, Shadcn, Streamlit

• Databases: MySQL, Postgres, MongoDB

• Tools: Docker, VS Code, Linux, Git/Github, Postman

POSITIONS OF RESPONSIBILITY

- Cricket Co-Representative: Board of Sport Affairs Club, IIT Ropar

Apr. 2019 - Apr. 2020
- Hospitality Team Member: Zeitgeist, Board of Cultural Affairs Club, IIT Ropar

Oct. 2018
- Event Management Team Head: Advitya, Board of Science and Technology Club, IIT Ropar

Dec. 2019

MISCELLANEOUS

- I Got a HP laptop from UP government in 2016 for a Meritorious Performance in Secondary Examination.

• Among the top 98.67 percentile students in JEE Advance in 2018.

• 6* HackerRank | 370+ Problems on Leetcode