



Shivam Maurya
mauryashivam1947@gmail.com
B.Tech - Computer Science and Engineering
Pandit Deendayal Energy University, Gandhinagar

+91-6352356169

GitHub | LinkedIn

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	Pandit Deendayal Energy University, Gandhinagar	9.37 (Current)	2021-Present
Higher Secondary	Gujarat State Board	87.69%	2021
Secondary	Gujarat State Board	85%	2019

EXPERIENCE

- GrubOut** Jan. 2024 - Present
Software Developer Gandhinagar, India
 - Led the modernization of the user interface for an under-development software using React.js and Next.js, implementing custom hooks to achieve a notable **50% improvement** in frontend usability and user engagement. Additionally, designed and implemented a **RESTful API architecture, integrating Spring Boot API** to manage backend operations and ensure seamless communication between frontend and backend components.
- Woosong University** June 2024 - Present
Summer Research Intern South Korea (Remote)
 - Currently engaged in a blockchain project focused on energy trading, with a specific emphasis on enhancing energy efficiency. Actively researching and categorizing various **Machine learning techniques** to optimize energy usage. Additionally, involved in developing **blockchain-based protocols** to facilitate secure and efficient energy transactions.

PROJECTS

- Price Tracker** Feb. 2024 - Apr. 2024
NextJS, TypeScript, Nodemailer, Bright-Data, MongoDB Github
 - Essentially a **web scraper** designed to extract specific item prices from **Amazon.com**.
 - The tool is equipped with **proxy-changing** functionality, ensuring smooth scraping operations. Integrated a feature allowing users to receive **email notifications** via Nodemailer.
- Comment Toxicity Prediction Model** April 2024 - May. 2024
Neural Networks, Tensorflow Github
 - Developed a toxicity detection system for online comments using **Artificial Neural Networks (ANN)**, achieving accuracy scores of 80% to 90%. Leveraged optimization techniques like stochastic gradient descent and Adam optimization for enhanced performance. Implemented rigorous data preprocessing, feature extraction, and model training methodologies.
- Catalog App** Dec. 2023 - Jan. 2024
Flutter, third-party tools Github
 - Developed a mobile application using Flutter that emulates a **shopping portal**, allowing users to browse and select products, add items to their cart, and proceed with checkout. The app offers an interactive **user experience** and user interface design.
- Simulator Website** Feb. 2022 - Apr. 2022
AngularJS, Java Script, Spring Boot, MySQL Github
 - Created a fully functional Web Application using **AngularJS** and **Spring Boot API**, offering a visualized and simulated environment for comprehending **CPU scheduling algorithms** of Operating System.

SKILLS & COMPETENCIES

- Programming Languages:** Proficient in Java, JavaScript, C, Python
- Technologies known:** Docker, Kubernetes, Linux, NodeJS, Git/GitHub, Tensorflow, keras
- Databases:** Knowledgeable in working with Databases including MySQL, MongoDB
- Framework Proficiency:** Knowledgeable in Spring Boot, ExpressJS framework for building scalable applications.
- DevOps Practices:** Knowledgeable in Docker for streamlined deployment along with DevOps principles.
- Full Stack Development:** Skilled in developing both frontend and backend components of applications.
- Adaptability:** Willingness to learn new technologies and processes to stay updated with industry trends.

CERTIFICATIONS

- Walmart Tech:** Advanced Software Engineering Job Simulation
- JP Morgan Chase & Co.:** Software Engineering Job Simulation
- Udemy:** Flutter Development Bootcamp