KRUPA GAWDE

B.E Computer Engineering Graduate, 2024
Seeking a software engineering position to apply programming and problem-solving skills in a dynamic tech environment.
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EDUCATION

B.E Computer Engineering	Jun 2020 - Jun 2024
SSPM College of Engineering,Mumbai University	**CGPA: 8.76**
Higher Secondary School (HSC)	Jun 2018 - Feb 2020
Viva College Of Science	**64.62%**

INTERNSHIP

TATA INSTITUTE OF FUNDAMENTAL RESEARCH.	July 2022 - Sep 2022

Software Engineer Intern
- Developed a web tool using Python Flask that automates the generation of PDF documents for events listed on Indico events calendar, utilising an HTTP API for data retrieval and a PostgreSQL database for storing event details, delivering tangible results and enhancing workflow efficiency.
- Technologies Used : **Python(Flask), PostgreSQL, Jinja Templating, HTML,CSS,JS.**

PROJECTS

SIGN LANGUAGE RECOGNITION SYSTEM
- Constructed a real-time translation feature within the ASL recognition system that processed inputs in less than two seconds per action; enhanced communication efficiency among diverse user groups by providing immediate feedback on sign language gestures.
- Technologies Used: **Python, Computer Vision library, Machine Learning Algorithms(TensorFlow,Keras)**

PUBLIC HEALTH RECORD MANAGEMENT SYSTEM
- Created an innovative system for managing public health records that integrated medical histories, treatment plans in one platform; enabled real-time updates benefiting communication among healthcare teams.
- Technologies Used: **Node.js, MongoDB.**

RAILWAY RESERVATION SYSTEM
- Developed a Railway Reservation System that allows users to search for available trains, check seat availability, and book tickets online. The system also manages passenger data, train schedules, and fare calculations, providing a comprehensive solution for railway reservations.
- Technologies Used: **HTML, CSS, JS, MySQL.**

TECHNICAl SKILLS

Programming Languages: Python (Flask), DSA,OOPS, SQL.
Web Development Languages: HTML,CSS,JavaScript,ReactJs.
Tools: Vscode, Oracle SQL, Git, Github, PowerBI, Microsoft Office Suite.
Databases: MySQL, PostgreSQL.

CERTIFICATES & LEADERSHIPS

• TCS National Qualifier Test (NQT) - Passed.
• Udemy Full Stack Developer Bootcamp 2024.
• Python Intermediate certificate by HackerRank.
• SQL certificate by HackerRank.
• Student Council Leader at SSPM College of Engineering (2023-2024).
• NSS Volunteer at SSPM College of Engineering (2021-2023).
• Winner- Paper Presentation at Inter-college level tech event.