Sakshi Patil

Tech Enthusiast

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As a third-year Computer Engineering student, I have demonstrated proficiency in C++, Java, Python, and web development, with a special focus on Django. My robust understanding of algorithms and data structures forms a strong foundation. I'm committed to ongoing learning and dedicated to crafting inventive software solutions.

EDUCATION

Bachelor's in Computer Engineering
Fr. Conceicao Rodrigues Institute of Technology

10/2022 - Present   *with 9.87 CGPA*

Courses

- DSA
- Machine Learning
- OOPS
- DBMS
- Computer Networks
- Cloud Computing
- Web Development
- Operating System
- SDLC & Agile Methodology
- MERN Stack

Diploma in EXTC
Agnel Polytechnic, Vashi, Navi Mumbai

08/2019 - 08/2022   *with 91.65%*

PERSONAL PROJECTS

DSA and Web Development Projects

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- **Personal Portfolio Website**
- **NLP Text Summarizer Project :** Created a tool that automatically shortens long texts into brief, coherent summaries using advanced language processing.
- **AI IMAGE GENERATION APP** : I created a web app using MERN (MongoDB, Express.js, React.js, Node.js) and OpenAI's DALL-E. Describe what you want, and it generates stunning images, styled with Tailwind CSS and stored on Cloudinary.
- **Employee Attrition Dataset Visualization**
- **US - ACCIDENT Dataset :** Kaggle Dataset Analyzed using Google Colab notebook in Python and Visualized patterns in web application using Django framework.
- **Sudoku Solver :** Developed a Sudoku solving algorithm using HTML, CSS, Javascript and backtracking algorithm. Designed an intuitive user interface for input and visualization.
- **Shortest Path Finder :** Implemented Dijkstra's algorithm in HTML, CSS and Javascript to find the shortest path between two points in a grid.
- **N Queens Visualizer :** Created a visualizer in HTML, CSS and Javascript for the N-Queens problem. Demonstrated strong problem-solving abilities in generating N-Queens solutions efficiently.
- **Binary Tree Visualizer :** Binary Tree, Max Heap, and Binary Search Tree Visualization using HTML, CSS, and Javascript.

TECHNICAL SKILLS

- Languages: Java, Python, C++, JavaScript, Typescript, PHP
- Web Development: HTML5, CSS3, React.js, Node.js
- Frameworks: Django, Docker
- Version Control: Git
- Databases: MySQL, MongoDB
- Operating Systems: Windows, Linux
- Cloud Computing : Azure, AWS, GCP

EXPERIENCE

Project Intern (12/2023 - Present)
- *Jawaharlal Nehru Port Authority*
- Contributing to JNPA event management system full stack software application

Software Development Intern (10/2023 - 11/2023)
- *Prodigy InfoTech*
- Contributed to software development projects and gained valuable coding experience.

Cloud Computing Intern (06/2023 - 08/2023)
- *ACMEGRADE*
- Assisted with cloud infrastructure management and optimization.

LEADERSHIP AND INVOLVEMENT

IEEE
Member

Agnel Cyber Cell Committee
Member

ACHIEVEMENTS/ CERTIFICATION

MAR 2022 | Participated in STATE LEVEL TECHNICAL QUIZ COMPETITION and Achieved 1st Prize in it.

JULY 2023 | SUCCESSFULLY COMPLETED TRAINING IN CLOUD COMPUTING BY MOOD INDIGO IIT BOMBAY.

LANGUAGES

English
Native or Bilingual Proficiency

Hindi
Native or Bilingual Proficiency

Marathi
Native or Bilingual Proficiency