Vighnesh Devkate

B.E (Computer Engineering)

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Portfolio Linkedin Leetcode GitHub

OBJECTIVE

Passionate about Continuous Learning and Strong Problem-Solving Skills with a Focus on Developing Innovative Solutions to Technical Challenges as an enthusiastic self-learner and quick starter.

TECHNICAL SKILLS

Programming Languages: C++, Java, Python, HTML, CSS, JavaScript,.
Database: SQL, MongoDB.
Frameworks: Angular.
Additional Skills: Data Structures, Object-Oriented Programming, Machine Learning, Operating System.

EDUCATION

Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology **Baramati, MH**
Bachelor of Computer Engineering: CGPA: 9.21 Aug 2021 – Present

Tuljaram Chaturchand College **Baramati, MH**
Maharashtra Board of Higher Secondary Education: 92.17% July 2019 – Feb 2021

Shri Nilkanteswar Vidyalaya **Lasurne, MH**
Maharashtra Board of Secondary Education: 83.40% June 2013 – Apr 2019

PROFESSIONAL EXPERIENCE

EY-GDS **Remote**
Full Stack Web Development Intern Mar 2024 – Apr 2024

– Led cross-departmental design integration, leveraging customer insights to drive a 75% increase in user engagement, ensured seamless multi-platform compatibility, reducing device-related issues by 80%.

Bharat Forge **Baramati, MH**
Data Science and Machine Learning Intern Jan 2024 – Feb 2024

– Spearheaded a weed detection project using computer vision and machine learning, achieving 90% accuracy and enhancing crop efficiency by 70%, automated crop maintenance with advanced ML algorithms, saving over 20 man-hours weekly.

PROJECTS

- **Plant Disease Prediction:** Developed and deployed a CNN-based predictive model for early plant disease detection. Improved disease identification accuracy by 85 to 90%, significantly enhancing agricultural productivity. Utilized Python and TensorFlow for implementation and data analysis. Source Code.
- **E-Commerce Sneaker Retailer:** Designed a responsive online sneaker shop application using HTML, CSS, and JavaScript. Implemented an efficient front-end architecture, resulting in a 80% increase in user engagement. Demonstrated expertise in web development by ensuring cross-platform compatibility. Try it.
- **Asteroid Impact Risk Analysis:** Built a machine learning model to predict potential asteroid collisions, achieving 90 to 100% precision in trajectory simulation. Leveraged Python libraries such as NumPy and Matplotlib to analyze and visualize orbital datasets, enhancing scientific decision-making. Try it.

CERTIFICATIONS

- Data Engineering Hackathon - Hack2Skil.
- Data Structures and Algorithms - Udemy.
- Machine Learning - NPTEL.

ACHIEVEMENTS

- Awarded the prestigious Cummins Scholarship in 2022.
- Led the team in Smart India Hackathon (SIH) 2023 as Team Lead.
- Achieved mastery by solving 400+ problems on LeetCode, earning SQL proficiency badges.