

VISHAL KUMAR

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EDUCATION

Excel Engineering College ,Komarapalayam <i>Bachelor of Engineering in Computer Science Engineering</i>	Tamil Nadu,India
Government Polytechinc, Madhubani <i>State Board of Technical Education, Electronics And communication</i>	Bihar,India
S.P.S. Seminary +2,Sonpur <i>Bihar School Examination Board,Patna</i>	Bihar,India

ABOUT ME

- I am a computer science and engineering undergrad currently in my final year. I love to code and have deep interest in Machine Learning and Deep Learning. My areas of interest includes Optimization, Algorithms, Data Structures, and Problem solving. I love sports programming and software development. I believe in teamwork and producing results by applying full dedication to everything I do in order to achieve the best.

Internship

COMPANY — INCODERSLAB,NEW DELHI

Full Stack Developer

- Developed and deployed full-stack websites, utilizing HTML,CSS, JavaScript, BootStrap, Ajax, Python,Django,MYSQL to create visually appealing and functional web applications.
- Collaborated with colleagues to identify and resolve bugs, demonstrating strong problem-solving skills and the ability to work effectively in a team environment.
- Added new functionalities to existing websites, such as user authentication, data validation, and integration with third-party APIs, enhancing user experience and expanding website capabilities.

Projects

Oral Cancer Detection

Machine Learning, Deep Learning, Python, Django, HTML, CSS, JavaScript, BootStrap, Ajax, SQLite

- Developed a robust oral cancer detection system utilizing convolutional neural networks (CNN) to accurately classify the presence of oral cancer.
- Designed and implemented an interactive user interface for patient, providing a user-friendly platform to easily upload mouth images and receive real-time disease classification results.
- Leveraged deep learning techniques, preprocessing methods, and image augmentation to enhance the accuracy and robustness of the disease detection model
- Collaborated with a multidisciplinary team of researchers and doctors to gather feedback, iterate on the user interface design, and ensure the system's practicality and usability in real-world health care.

College Management System

Python, Django, HTML, CSS, JavaScript, Bootstrap, Ajax, SQLite

- Designed and developed a responsive and user-friendly frontend using HTML, CSS, JavaScript, and Bootstrap, ensuring an intuitive user interface and seamless user experience.
- Implemented interactive features using JavaScript, such as dynamic form validation and real-time data updates, to enhance usability and improve data integrity.
- Utilized Django to create a robust backend, implementing functionalities like user authentication, student registration, enquiry and billing management.
- Integrated SQLite database to store and manage college-related data, including student information, and transaction records.

ACHIEVEMENTS

- Scored 1st rank in Hackathon organised at Sona College Of Technology, Tamil Nadu
- Scored Final Round in Hackathon organized at Sri Ramakrishna Institute of Technology,Tamil Nadu

CERTIFICATIONS

- Problem Solving Basic certification from Hackerrank. [View Certificate.](#)
- Python Basic certification from Hackerrank. [View Certificate.](#)

SKILLS

- Problem solving, Data Structures and Algorithms, optimizations
- Machine Learning , Deep Learning
- NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn
- C, Java, Python, Asp.Net, SQL, Linux, github
- Django, Flask, ReactJs, PHP, C#
- HTML, CSS, JavaScript, Ajax, Bootstrap

PROFILE

- [HackerRank](#)
- [CodeChef](#)
- Leetcode