

VISHAL KUMAR

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EDUCATION

Excel Engineering College , Komarapalayam <i>Bachelor of Engineering in Computer Science Engineering</i>	Tamil Nadu, India
Government Polytechnic, 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 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 Network (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

- Secured the coveted 1st rank at the Hackathon held in the esteemed halls of Sona College of Technology, Tamil Nadu.
- Attained a position in the ultimate phase of the Hackathon hosted at Sri Ramakrishna Institute of Technology, Tamil Nadu, showcasing my unwavering commitment and exceptional skills.

CERTIFICATIONS

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

SKILLS

- C, Java, Python
- Machine Learning , Deep Learning
- Django, Flask, ReactJs, PHP, C#, Asp.Net
- HTML, CSS, JavaScript, Ajax, Bootstrap
- SQL, Linux, Github