VISHAL KUMAR

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# **Education**

**Excel Engineering College , Komarapalayam** Tamil Nadu, India

*Bachelor of Engineering in Computer Science Engineering*

**Government Polytechinc, Madhubani** Bihar, India

*State Board of Technical Education, Electronics And communication*

**S.P.S. Seminary +2, Sonpur** Bihar, India

*Bihar School Examination Board, Patna*

# **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, SQLlite**

* 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.](https://www.hackerrank.com/certificates/722af89d1efe)
        + Python Basic certification from HackerRank. [View Certificate.](https://www.hackerrank.com/certificates/eca828b37c23)

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# **Skills**

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