

ABHIJITH DAMERUPPALA

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EDUCATION

Indiana University, Luddy School of Informatics, Computing, and Engineering, IN. Master of Science: Data Science <i>[Software Engineering, Advanced Database Concepts, Data Mining, Algorithms Design and Analysis, Mastering the WWW, Introduction to Statistics]</i>	Anticipated: May 2024
Vasavi College of Engineering - Hyderabad, INDIA Bachelor of Engineering	July 2022

TECHNICAL SKILLS

Programming Languages: Python, C/C++, R/RStudio, SQL [ML frameworks: NumPy, Pandas, PyTorch, Tensorflow.]
Full Stack Development: HTML/CSS, PHP, JavaScript, Bootstrap, React JS, Express, Node.js, LAMP stack, and MERN stack.
Database: PostgreSQL, MariaDB, and MongoDB.
Operating Systems: Windows, Linux/Unix.
Developer Tools: Git, Pycharm, Visual Studio, JIRA, AWS, Linux, SSH, RStudio.

EXPERIENCE / ACHIEVEMENTS

Hackathon- CS-Club@IU <i>[Data Structures and Algorithms, Competitive Programming, Problem Solving]</i>	Sep 2022
<ul style="list-style-type: none">Secured a Position in the Top 3 leaderboard in an In-Person hackathon on DSA conducted by CS-Club @ Indiana University Bloomington.	
Head of Electrrico Revisita-VCE, India <i>[Illustrator, UI Design, Canva]</i>	Dec 2021-April 2022
<ul style="list-style-type: none">Served as a Head of Graphic Designing team for Electrrico Revisita, a branch-magazine club that publishes updates every 3 months on global trends.As the head of a wing of the Magazine team, I have utilized my expertise in graphic design and team management to enhance the visual appeal and readability of the magazine, creating engaging and informative layouts for each edition.	
Branch Representative- VCE, India <i>[Management and Interpersonal Skills]</i>	June 2021 – Nov2021
<ul style="list-style-type: none">Fulfilled the duties of Branch Representative for Code Chef's Executive Team, as the representative of the EEE department at Vasavi College Chapter by Facilitating communication between the executive team and the wider college community.	

PROJECTS

Patient Insurance Management System <i>[Git, ReactJS, Django, REST API, OAuth]</i>	Jan 2023 - May 2023
<ul style="list-style-type: none">Developed a web-based platform called 'HealthSure' that enables users to select their desired role from patients, doctors, and insurance providers.This platform allows users to easily communicate with each other, schedule appointments, and manage their insurance plans via their respective accounts.	
The Dove – Art Gallery Website <i>[PHP, JavaScript, HTML, MongoDB]</i>	Apr 2023 - May 2023
<ul style="list-style-type: none">Designed and developed an e-commerce website, The Dove Gallery, with an emphasis on user experience.Worked with HTML, Bootstrap CSS, PHP, and JavaScript to create a dynamic platform, including essential features such as register/login and cart.Additional features include PayPal integration for processing of payments and the ability for the user to recover passwords.	
Robin's Nest-Social Networking Website <i>[PHP, JavaScript, HTML, MariaDB]</i>	Feb 2023 – Mar 2023
<ul style="list-style-type: none">Designed and developed a social networking website, Robin's Nest, with an emphasis on user experience and functionality Utilized.HTML, PHP, and JavaScript to create a dynamic platform, including essential features such as login and profile management	
Image classification Model <i>[CNN, K Means, Transfer Learning]</i>	Oct 2022 - Dec 2022
<ul style="list-style-type: none">Implemented a machine learning model for image classification using K Means clustering, CNN, and Transfer Learning.Achieved successful image classification between Cat and Dog clusters using transfer learning to fine-tune a pre-trained CNN model with final best accuracy of 95.92%	