

# ABHIJITH DAMERUPPALA

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## EDUCATION

**Indiana University, Luddy School of Informatics, Computing, and Engineering, IN.** **Anticipated: May 2024**

Master of Science: Data Science

*[Software Engineering, Advanced Database Concepts, Data Mining, Algorithms Design and Analysis, Mastering the WWW, Introduction to Statistics]*

**Vasavi College of Engineering - Hyderabad, INDIA**

**July 2022**

Bachelor of Engineering

## 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

**Head of Electrrico Revisita-Vasavi College of Engineering, India** *[Adobe Illustrator, Canva]* **Dec 2021-April 2022**

- 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-Code chef executive team, Vasavi College of Engineering, India** **June 2021 – Nov2021**

- 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** *[Git, ReactJS, Django, REST API, OAuth]* **Jan 2023 - May 2023**

- 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** *[PHP, JavaScript, HTML, MongoDB]* **Apr 2023 - May 2023**

- 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** *[PHP, JavaScript, HTML, MariaDB]* **Feb 2023 – Mar 2023**

- 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** *[CNN, K Means, Transfer Learning]* **Oct 2022 - Dec 2022**

- 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%