

DISHA KOLAPATE

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EDUCATION

Humber College | North Etobicoke | ON, CA January 2024- Present
PG Certificate (Web Development)

Universal College of Engineering | Mumbai University | IN August 2019 - July 2023
Bachelor of Engineering (Computer Science)

WORK EXPERIENCE

CHAMPHUNT | Mumbai, IN | INTERN / Front End Developer/Engineer June 2022 – August 2022
Part-time Developing websites for cricket fans community for interaction

- Contributed to developing a virtual platform for cricket fans to interact, discuss, and analyse matches.
- Assisted in building the front-end components using React.js, HTML5, CSS3, and Bootstrap.
- Participated in code reviews and proposed improvements for better performance and user experience.

EXTRA CURRICULAR

CODECHEF UCOE | Mumbai, IN | OUTREACH AND MEDIA LEAD August 2021 – July 2022
Managed Social Media presence for Code Chef UCOE

- Managed the chapter's social media presence, curating engaging content, and sharing updates, events, and resources to captivate the audience.
- Collaborated with the leadership team to conceptualize and execute innovative campaigns, workshops, and initiatives to raise awareness and encourage participation in coding competitions and events.

TECHNICAL SKILLS

- Programming Languages & Frameworks** – Python, Java, JavaScript, jQuery, C#, React, HTML/CSS, PHP, ASP.NET.
- Database** – MySQL and MongoDB.
- Other Technology** – Node.js, Express.js, PUG, Git, PowerBI, MSOffice.

SOFTWARE PROJECTS

MuseNet: A Deep Learning-based Music Generation System | Creating a machine music generator using deep learning | (Deep learning, Convolutional Neural Networks (CNNs), Long Short-Term Memory (LSTM), Multilayer Perceptron (MLP))

- Developed innovative generative models for music creation, integrating MLPs and LSTMs with compression techniques and attention mechanisms.
- Spearheaded comprehensive project documentation and conducted thorough research on music generation and machine learning techniques.
- Curated datasets, ensuring data quality, and facilitated project coordination among team members.
- Provided essential non-technical support including user interface design and ensuring project relevance and usability.

PlantHub: Plant Pathology and Crop Recommendation System | focusing on crop recommendation and disease prediction | (Python, JavaScript, HTML, CSS, Numpy, Pandas, Sklearn, Random Forest, Decision Tree, Logistic Regression, Convolutional Neural Network (CNN))

- Developed an integrated agricultural decision support system utilizing machine learning and deep learning techniques.
- Designed to streamline agricultural decision-making processes, the system incorporates a crop recommendation engine and a crop disease prediction module.
- Designed and developed a user-friendly web application using HTML, CSS, JS. Ensured intuitive user interface design for easy access to system functionalities.
- Led documentation outlining project objectives and methodologies. Conducted extensive research on crop recommendation systems and disease prediction methodologies.
- Curated and preprocessed datasets of soil properties, weather data, and plant disease images. Ensured data integrity and prepared datasets for model training.