Mohaideen Niyas

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EDUCATION

Anna University regional campus Coimbatore Coimbatore, Tamil Nadu

Bachelor of Technology in Artificial intelligence and Data science- 8.13/10 GPA* *Sep. 2022 – July. 2026*

SKILLS SUMMARY

Programming Languages: Java, Python, C , JavaScript, **Frontend Technologies**: Figma, ReactJS, HTML, TailwindCSS

Backend/DevOps: NodeJS, SQL (MySql), MongoDB

Libraries: pandas, NumPy, Matplotlib, Tensorflow, Keras, Scikit-learn

Other Dev Tools/Technologies: Git, Colab, Jupyter Notebook, Visual Studio

ACHIEVEMENTS

NITK Hackathon 2024

- Participated in a national-level hackathon conducted by Wells Fargo at NITK Surathkal, where we developed a real-time equity analysis application. Leveraged financial data, market sentiment, and sustainability scores for US equities. Achieved top 10 selection out of numerous entries, demonstrating strong problem-solving and technical skills in finance and data analysis.

COURSES AND INTERNSHIPS

Intern, Skypark Itech IT Solutions

∗ Developed a dynamic page with a graphical user interface using Java, deepening expertise in game logic, GUI design, and user interaction.

∗ Tackled challenges in game state management, responsive UI design, and input validation, enhancing problem-solving and software development skills.

∗ Gained hands-on experience in both front-end and back-end development, including setting up the development environment, implementing game mechanics, and refining the user interface for smooth gameplay.

∗ This internship provided a strong foundation in software development and practical game design.

PROJECTS

Chatbot *Flask, NodeJs, MySql* Present

∗ Building a Simple Chatbot and Companion App: Developed a basic chatbot to handle user queries and created an accompanying app to facilitate easy interaction and access to the chatbot's features.

DL model for Art Recognition *Python,Flask* Nov 2024

∗ Developed a deep learning model using ResNet101 for real-time classification of Edvard Munch's paintings. Implemented transfer learning, image preprocessing, and metadata integration to enhance recognition accuracy. Integrated Google APIs to enrich predictions with historical and contextual data. Achieved high classification accuracy, demonstrating practical applications in digital art curation and cultural heritage preservation.

ML Model on Hand writing Recognition May 2024

∗ Developed an ML model for handwritten digit and character recognition using TensorFlow and Keras. Successfully designed and implemented a machine learning model that achieved high accuracy in recognizing handwritten digits and characters, utilizing convolutional neural networks (CNNs).