ANIKET BHANDERI

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Education

University of Cincinnati 3.9/4.0
Master of Science (M.S.), Computer Science *August 2022 – April 2025*
- Teaching Assistant: Data Structures and Algorithms, Artificial Intelligence, Discrete Structures

Gujarat Technological University 9.8/10
Bachelor of Engineering (B.E.), Computer Science & Engineering *August 2018 – April 2022*

Technical Skills

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS,
Frameworks: React, Node.js, Flask
Developer Tools: Git, Docker, Amazon AWS, Google Cloud Platform, VS Code, Visual Studio, PyCharm, Databricks, Microsoft Azure
Libraries: pandas, PyTorch, NumPy, scikit-learn, Matplotlib,TensorFlow, OpenCV
Core Courses: Data Structures, problem-solving, Compiler Design, Operating System, Web Programming, Data Analysis and Visualization, Object Oriented Programming, Distributed Systems

Experience

Procter & Gamble (Contract) Cincinnati, OH
Research Assistant *January 2024 – Present*
- Worked on Retrieval Augmented Generation pipeline and LLM model to create a model based on large corpus of data
- Established a streamlit python application for presenting report of the data

Orena Solutions Pvt. Ltd Vadodara, India
Machine Learning Internship *January 2022 – March 2022*
- Executed Handwriting detection model achieving accuracy of 95% to detect handwritten prescription of doctors
- Annotated more than 1000 prescription of doctor to utilize for model
- Tackled a task of image segmentation applying Python and OpenCV contours to increase operation efficiency by 80%
- Collaborated with data scientists team to streamline deployment pipeline, resulting in a 30% reduction in deployment time and improved overall efficiency in delivering data-driven solutions

Akash Technolabs Ahmedabad, India
Android Development Internship *May 2021 – June 2021*
- Streamlined application interface environment to increase user interaction and implemented explicit intent activities and multi-media activities and decreased cold start-up time by 25%
- Programmed android application based on Java8 that generated more than 10k downloads on play store
- Crafted UI/UX designs of pattern and biometric lock for making application 100% more secure
- Coordinated with cross-functional team in designing 15% more space efficient version of application

Projects

Algorithmic Trading | *Machine Learning* GitHub Link
- Developed a Python-based solution leveraging Jupyter Notebook, optimizing API calls to IEX Cloud for real-time data retrieval, resulting in a 40% reduction in data-fetching latency
- Constructed Pandas data frames to efficiently manage and analyze latest price, one-year percentage change, and other critical information, enhancing data processing speed by 50%
- Employed a sophisticated multivariate regression model to identify top-performing stocks, employing a momentum strategy, leading to a 25% improvement in stock selection accuracy

2. Doctors Chat Application | *Software Engineering* GitHub Link
- Engineered a real-time chat application using a tech stack comprising ReactJS, Express.js, socket.io, HTML, CSS, and JavaScript, resulting in a seamless and responsive user experience