VENKAT DHULIPALLA

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OBJECTIVE

To obtain the Software Development Intern position at Cue Health Inc. and utilize my programming skills and knowledge of software development best practices to contribute to the development of web applications and core services.

SKILLS

- Strong understanding of object-oriented concepts, data structures, and algorithms
- Proficient in programming languages including Java, Python, and node.js
- Experience with front-end frameworks such as React and TypeScript
- Knowledge of Git and other revision control systems
- Familiarity with Agile methodologies
- Excellent problem-solving and analytical skills
- Strong attention to detail and ability to work collaboratively

EDUCATION

UNIVERSITY OF NORTH TEXAS   Denton, TX
Master of Science   Expected May 2024
Major in Computer Science
Relevant Coursework: Data Analysis, Software Engineering; Analysis of Algorithms; Fundamentals of DB; Scientific Data visualization, Machine learning.

OSMANIA UNIVERSITY   Hyderabad, India
Bachelor of Engineering   Jul 2021
Major in Electronics and Communication,
Relevant Coursework: Database management System; Computer Networks; Programming

WORK EXPERIENCE

Full Stack Engineering Analyst|Accenture Solutions|Hyderabad, India | Sept 2021 – July 2022
- Collaborated with a team of software developers and product owners to design and develop web applications and core services using Java, Python, and React
- Participated in all stages of the software development life cycle, including requirements gathering, design, development, testing, and deployment
- Contributed to code reviews, testing, and documentation to ensure code quality and maintainability
- Gained experience with agile development practices, including daily stand-up meetings, sprint planning, and retrospectives

Teaching Assistant | University of North Texas | Denton, Texas | Feb 2023(Current)
- Assisted in teaching a class of 50 students in Data Visualization and Communication, covering SQL, Tableau, Power BI, and Python Pandas.
- Conducted weekly office hours, providing support to 30+ students with data analysis and visualization projects.
- Engage in ongoing professional development to stay up-to-date with the latest trends and technologies in data visualization and communication.

PROJECTS

Credit card fraud detection
Successfully developed and implemented a credit card fraud detection system using machine learning algorithms., Developed and optimized predictive models using Python and libraries such as Scikit-learn, Pandas, and NumPy.

E-commerce website:
Build an online store using React for the frontend and Spring Boot for the backend. Use Java to handle the business logic and database integration.

Task management app:
Develop a task management application that allows users to create, assign, and complete tasks. Use React for the frontend and Spring Boot for the backend. Use Java to handle the business logic and database integration.