

Narein Boddapati

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🐙 github.com/NareinBod

Education

University of Cincinnati

Expected May 2028

Bachelor of Science in Computer Science (GPA: 3.79 / 4.00)

Cincinnati, OH

- **Relevant Coursework:** Data Structures and Algorithms (C++), Python Programming, Calculus 2, Information Technology

Experience

Danlaw

Jan 2025 – Present

Software Applications Intern

Novi, MI

- Enhance an existing Angular application by creating new pages, modifying functionalities, and improving the designs to deliver responsive and user-friendly features
- Author and maintain comprehensive API documentation using OpenAPI specification, ensuring clarity and accessibility for developers and stakeholders
- Collaborate with other team members to troubleshoot, debug and deliver high-quality solutions while actively contributing to successful project outcomes

University of Cincinnati

Aug 2024 – Dec 2024

Engineering Design Teaching Assistant

Cincinnati, OH

- Assisted students during in-class activities and peer mentoring sessions, providing targeted assistance to enhance their understanding and engagement with course material
- Collaborated with the teaching team to evaluate assignments, exams, and project demonstrations, ensuring fair and consistent grading while offering insights for continuous improvements
- Facilitated hands-on learning experiences in the classroom, helping students apply theoretical knowledge through practical exercises and problem-solving activities

Projects

Investment Calculator | Angular, HTML/CSS, Typescript

- Developed this web application with Angular as the front-end framework, utilizing Typescript, HTML and CSS for responsive and user-friendly design
- Leveraged Angular's component-based architecture to implement real-time calculations and present detailed investment results, including total interest earned and cumulative amount, through an intuitive interface
- Implemented real-time data binding to dynamically display annual growth and total interest earned

To Do List | HTML/CSS, Typescript, Angular

- Developed a To-Do List Web Application using Typescript and Angular, enabling users to create, update, delete, and mark tasks as completed with an intuitive interface
- Designed a mobile-friendly application using HTML and CSS, ensuring a seamless experience across devices with visually appealing and functional layouts
- Utilized Angular's robust framework for component-based architecture enhancing app performance and maintainability

Restaurant Management System | Python

- Developed a Python-based Restaurant Management System to manage menu items, process orders, and calculate bills, incorporating a user-friendly command-line interface for seamless interaction
- Designed and implemented a modular, scalable codebase to ensure maintainability and adaptability for future enhancements.

Technical Skills

Languages: Python, C++, JavaScript, TypeScript, MySQL, HTML/CSS, Matlab, VBA, LabView

Technologies: Angular, numpy, pandas, Matplotlib, OpenAPI

Certifications: Intro to Machine Learning, Performing a Technical Security Audit and Assessment

Developer tools: Git, GitHub, VS Code, Visual Studio, PyCharm, Webstorm, Swagger