DHRUV BARAD

dbarad302@gmail.com | 612-559-1055 | LinkedIn | GitHub

EDUCATION

University of Minnesota - Twin Cities   September 2021 - May 2024
Bachelor of Science in Computer Science

North Hennepin Community College   January 2020 - August 2021
Dean's list: Spring 2020, Fall 2020, Spring 2021

EMPLOYMENT

PearsonVUE   Bloomington, MN
Software Development Intern   June 2023 - Present
- Collaborated with a team of 6 developers to process over 15 user stories and defects weekly, actively contributing to the iterative development process following Agile and Scrum methodologies.
- Participated in daily stand-up meetings, providing progress updates and discussing roadblocks, cultivating effective communication and teamwork within the development team.
- Contributed to troubleshooting and debugging software issues, leading to a 25% decrease in overall software defects and enhancing the application's stability.
- Played an integral role in the software release process by contributing to the planning, development, and deployment of releases, ensuring timely and successful product launches.

University of Minnesota - Twin Cities   Minneapolis, MN
Undergraduate Teaching Assistant   January 2023 - May 2023
- Assisted with laboratory and discussion sections, providing students with hands-on learning experiences.
- Held office hours to answer student questions and provide additional support outside class.
- Completed grading of assignments and exams, ensuring fairness and accuracy.
- Demonstrated ability to communicate complex concepts to students effectively.

SKILLS

LANGUAGES: Python, Java, HTML, CSS, JavaScript, TypeScript, C/C++, C#, SQL
LIBRARIES/FRAMEWORKS: Node.js, Express.js, React.js, Bootstrap, TailwindCSS, Next.js, Flask, Numpy, Pandas, PySpark
OTHER: GitHub, Bitbucket, TeamCity, Docker, Waterfall, Agile, Scrum, Firebase, JUnit, Google Testing

PROJECTS

ComicApp, *Personal Project*
- Developed a dynamic web application using **React** and **TypeScript** that interfaces with Marvel's and Star Wars comic API to retrieve and display detailed character information.
- Utilized **Node.js** and **Express.js** to create a backend service that handles API requests for data retrieval and responses.
- Link to project: Comic App

Portfolio Website, *Personal Project*
- Developed a portfolio website using **React** and **Next.js** utilizing server-side rendering.
- Implemented a clean and minimalist design using **Tailwind CSS** to style components and ensure responsiveness efficiently.
- Successfully deployed and hosted the portfolio on **Vercel**, along with automated deployments through GitHub, ensuring real-time updates on the live website.
- Link to project: Portfolio Website

RELEVANT COURSEWORK

Data Structure and Algorithms, Software Engineering, Internet Programming, Web Development, Program Design & Development, Operating Systems, Machine Architecture and Organization, Database Systems, Data Mining, Discrete Structures