

DHRUV BARAD

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EDUCATION

University of Minnesota-Twin Cities
Bachelor of Science in Computer Science

September 2021 - May 2024

EMPLOYMENT

Software Development Intern
Pearson VUE

June 2023 - Present
Bloomington, MN

- 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.

Undergraduate Teaching Assistant
University of Minnesota-Twin Cities

January 2023 - May 2023
Minneapolis, MN

- Facilitate lab sessions, enhancing hands-on learning and practical understanding for students.
- Grade assignments with detailed feedback, aiding students in identifying and correcting errors.
- Introduce new educational tools, boosting student engagement and participation in lab activities.
- Analyzed student performance data to tailor feedback, improving individual student outcomes and overall class averages.
- Mentored students during office hours, providing personalized guidance and fostering a supportive learning environment.

SKILLS

LANGUAGES: Python, Java, HTML, CSS, JavaScript, TypeScript, C/C++, C#
LIBRARIES/FRAEMWORKS: Node.js, Express.js, React.js, Bootstrap, TailwindCSS, Next.js, Flask, NumPy, Pandas, PySpark, Gradle
DATABASE/CLOUD: SQL, NoSQL, PostgreSQL, MySQL, MongoDB, Azure, Firebase
OTHER: GitHub, Bitbucket, TeamCity, Docker, Waterfall, Agile, Scrum, 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 Next.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