Dikshith Vishnuvardhan

Worcester, Massachusetts | (508)-615-3786 | dvishnuvardhan@clarku.edu |
www.linkedin.com/in/dikshith-vishnuvardhan/

EDUCATION

Master of Science in Information Technology (STEM)   **May 2025**
Clark University, Worcester, Massachusetts | Overall: 3.9/4.0 GPA

Bachelor of Technology in Computer Science & Technology   **May 2022**
Dayananda Sagar University, Bangalore, Karnataka, India | Overall: 6.94/10 GPA

WORK EXPERIENCE

Clark University, Career Connections Center   **February 2024 – Present**
Web Designer and Data Analyst
- Managed and updated event calendars using WordPress to streamline event scheduling.
- Analysed alumni and student survey data using MS-Excel and MySQL, generating insightful reports on employment rates and other outcomes.
- Collaborated on daily tasks including poster design and data visualisation.

Clark University, Department of Maths and CompSci.   **December 2023 – Present**
Research Assistant
- Designed and implemented a survey interface for seamless TikTok video viewing using NextJS, TypeScript and Tailwind CSS.
- Integrated TikTok and OpenAI APIs to develop a personalised video recommendation system based on user preferences.
- Created a client-side solution to track video watch times, assessing the impact of GPT recommendations on user behaviour.

Listed DotFans Limited, Bangalore, Karnataka, India   **December 2022 – July 2023**
Software Development Engineer
- Developed robust and visually appealing user interfaces and components for 250,000+ daily active users using ReactJS, NextJS, and Tailwind, achieving a Lighthouse performance score of 95.
- Collaborated with backend developers to integrate REST APIs, providing link performance analytics, secure and faster endpoints resulting in 50% decrease in API response times.
- Led the frontend development of a new revenue-generating feature, increasing user retention by 39% and monthly user growth by 12%.
- Implemented WebSockets for real-time communication and incorporated thorough testing procedures to enhance product reliability, contributing to a user retention increase.
- Managed code versioning and control using Git CLI and Bitbucket.

Related Projects

OpeninApp Chrome Extension
Developed a Chrome extension using NextJS, NodeJS, Express, and MySQL that serves as both a bookmark and a smart link generator.
Enabled users to track performance metrics of their saved links.

[Chrome Web Store Link]
(https://chrome.google.com/webstore/detail/openinapp-links-that-open/nlobmelldlojlomikicneipgpmjbofmf)

Relevant Skills

- **Technical**: ReactJS, NextJS, NodeJS, ExpressJS, TypeScript, REST APIs, Git, GitHub, Bitbucket, AWS, GCP, WordPress, Google Analytics, Microsoft Office Suite, HTML5, CSS, JavaScript (JS)