Dikshith Vishnuvardhan

Atlanta, GA | (508)-615-3786 | contact@dikshith.com | linkedin.com/in/dikshith-vishnuvardhan/

Summary

Results-driven software engineer with over 4 years of expertise in full-stack development and cloud technologies. Experienced in building scalable web applications that drive user engagement and generate revenue. Strong background in API integration, microservices architecture, and data analytics. Graduated with MS in Information Technology from Clark University while developing innovative solutions that combine technical excellence with practical business impact.

Relevant Skills

Programming Languages & Frameworks: Python, React, NextJS, Node.js, Express, TypeScript, JavaScript, Flask, HTML5, CSS, Tailwind CSS

Cloud & Infrastructure: AWS (Lambda, S3, RDS, EC2), GCP, Azure, Docker, GitHub Actions, CI/CD Pipelines, Terraform

Databases: MySQL, PostgreSQL, MongoDB

Server Integration: RESTful Services, GraphQL, WebSockets

Work Experience

Insider Edge Analytics; Atlanta, GA   **September 2024 – Present**
Software Development Engineer
- Architected and developed a comprehensive full-stack sports analytics platform serving 250+ daily active users (DAUs), using Flask and Node.js for backend APIs and Next.js for the frontend interface.
- Integrated ESPN's public API endpoints to create real-time sports data visualizations and analytics dashboards, resulting in an average user engagement time of 5+ minutes.
- Designed event-driven microservices architecture using Node.js and AWS services (Lambda) to process and transform data.
- Automated CI/CD workflows with GitHub Actions and shell scripts to streamline deployment processes, reducing release time by 40%.
- Implemented Stripe Payment Checkouts and integrated webhooks to store user metadata, contributing to a product that attracted over 450 paying users and MRR of $10,000+ within 4 weeks of launch.

Clark University; Worcester, MA
Web Designer and Data Analyst for Career Connections Center   **February 2024 – May 2025**
- Engineered an automated content generation application using Node.js, React, and Canva Developer APIs, improving operational efficiency by 75%
- Managed WordPress multi-site CMS and Event Calendar, optimizing content delivery and event promotion
- Transformed unstructured survey data into actionable insights using MySQL and Excel, producing comprehensive reports on employment trends

Clark University; Worcester, MA
Research Assistant for the Department of Mathematics and Computer Science   **December 2023 – June 2025**
- Developed a personalized video recommendation system using NextJS, Tailwind CSS, and Node.js, integrating with TikTok APIs to deliver tailored media suggestions
- Containerized and deployed applications using Docker on Azure, ensuring scalability and secure operation
- Implemented client-side tracking solutions to monitor video engagement metrics, enhancing data-driven research insights

OpeninApp; Karnataka, India   **December 2022 – July 2023**
Software Development Engineer
- Led frontend development for a high-traffic application serving 250,000+ daily active users, achieving a Lighthouse performance score of 95 through component optimization.
- Implemented WebSockets for real-time communication, enhancing user engagement and retention by 30%
- Directed a team of 3-4 developers to deliver the company's first revenue-generating feature, boosting daily active users by 25%
- Collaborated with backend teams to optimize API response times, resulting in a 50% performance improvement

Education

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

Bachelor of Technology in Computer Science & Technology   **May 2022**
Dayananda Sagar University, Bangalore, Karnataka, India | Overall: 3.0 GPA

Related Projects

Personalized Video Recommendation System   **May 2024**
- Developed a scalable video recommendation engine using NextJS, Node.js, and OpenAI Assistants.
- Research paper accepted by CHI '25, Association of Computing Machinery
- Deployed using Docker on Azure with comprehensive client-side analytics tracking