Rhamsez Thevenin

781-774-0326 | rhamzthev@gmail.com | linkedin.com/in/rhamzthev/ | github.com/RhamzThev

EDUCATION

Rochester Institute of Technology   Rochester, NY
Bachelor of Science in Software Engineering   *Aug. 2020 – May 2025*
3.59 / 4.00 GPA   Dean's List (Fall 2020, Fall 2021, Fall 2022, Spring 2024, Fall 2024)

EXPERIENCE

Software Engineering Teaching Assistant   Aug. 2024 – Present
Rochester Institute of Technology   *Rochester, NY*
- Provided technical support and evaluated assignments in Web Engineering (SQL, Git, Python/Flask, React) and Engineering of Concurrent Systems (Java, distributed systems, middleware) courses.
- Facilitated discussions on web development principles, system architecture, and concurrent programming patterns to enhance student learning and support the professor's teaching objectives.
- Evaluated student projects in web application development and distributed systems, provided constructive feedback, and fostered engagement to enhance the learning experience.

Software Engineer Co-Op   Jan. 2023 — Dec. 2023
IDI Billing Solutions   *Victor, NY*
- Collaborated on time-sensitive customer requests with the Customer Engineering team, developing and modifying C# and .NET functionality in CostGuard for over 10 network providers (e.g., Verizon, Ericsson, Metaswitch).
- Successfully implemented new calling features, database optimizations, and provisioning logic to support customer-specific requirements.
- Updated SQL Server queries for customer reporting, increasing data retrieval accuracy from 50% to 95% and reducing query execution time, improving operational efficiency for communications service providers.
- Completed functional and automated testing of middleware and backend components in CostGuard to smoothen integration of new features and bug fixes.
- Streamlined deployments in collaboration with the Project Engineering, DevOps, and Software Support teams for timely and reliable feature delivery in Agile sprints.

Software Engineer (Contractor)   Sep. 2022 — Dec. 2022
Midnight Mansion   *Boston, MA*
- Led the development of a semester website using Next.js and Typescript, serving 30 MIT "Product Engineering Processes" students and instructors daily, by implementing Google Doc integration and optimizing content rendering speed by 10x, improving site performance and user experience.
- Developed secure authentication features for students on the semester website, enabling personalized tasks like peer evaluation
- Designed and built the final presentation website for MIT students, using Next.js and Supabase, scaling to hundreds of users in a few weeks, ensuring seamless user access and engagement for critical academic presentations.
- Initiated the creation of an intranet for a startup using Vite and Figma, contributing to the company's internal communication tools.

PROJECTS

Live Content Creation Hub | *Next.js, Tailwind CSS, TypeScript, Twitch API, Spotify API*   Dec. 2024 – Present
- Developed a content creation hub with real-time Twitch alerts, chat, and Spotify widgets using Next.js.
- Built a 24/7 Pomodoro timer and customizable vaporwave-themed wallpapers.
- Integrated OAuth2 authentication for secure Twitch and Spotify API data access.
- Optimized responsive UI with Tailwind CSS for cross-device compatibility.

Video Transcription and Analysis Platform | *AWS, Terraform, React, Vite*   Aug. 2024– Dec. 2024
- Built cloud platform combining transcription, sentiment analysis, and object detection for video processing.
- Architected serverless backend using AWS Lambda and API Gateway to coordinate with AWS analysis services.
- Developed React frontend on S3 for video uploads and result visualization.
- Optimized AWS infrastructure with Terraform, maintaining sub-$10 monthly costs.