

Rhamsez Thevenin

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EDUCATION

Rochester Institute of Technology

Bachelor of Science in Software Engineering

3.59 / 4.00 GPA

Rochester, NY

Aug. 2020 – May 2025

Dean's List (Fall 2020, Fall 2021, Fall 2022, Spring 2024, Fall 2024)

EXPERIENCE

Teaching Assistant

Aug. 2024 – Present

Rochester Institute of Technology

Rochester, NY

- Provided technical support and evaluated assignments in Web Engineering and Engineering of Concurrent and Distributed System courses at Rochester Institute of Technology.
- Facilitated discussions to enhance student learning and assisted the professor in creating an effective learning environment.
- Evaluated student assignments, 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 backend 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 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

Earth History Navigator | *Vue, Node.js, Docker, Azure, Git*

Aug. 2024 – Sep. 2024

- Created an interactive map that lets users explore historical events and cultural developments across different time periods and locations through an engaging visual interface.
- Designed an intuitive and visually engaging user experience by using Figma.
- Developed with Three.js, Vue.js, and Vite to create an interactive 3D model of the Earth and the user interface.
- Ran GitHub Actions for CI/CD, published Docker Container to Azure, then deployed to an Azure VM.

Fitness and Nutrition Tracker | *Angular, Node.js, Express.js, MongoDB, Google Cloud*

May. 2024 – Jul. 2024

- Created a fitness app that tracks nutrition and exercise, providing insights to help users reach their health goals.
- Used top-down database design for back-end and Component-Driven Development (CDD) for front-end.
- Built with MEAN stack: developed RESTful APIs using Node.js and Express.js and created a dynamic UI with Angular.
- Ran GitHub Actions for CI/CD, published Docker Container to Google Cloud, then deployed to Google Compute Engine.