PRIYAN RAJAMOHAN

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EDUCATION

Master of Science, Computer Science, Case Western Reserve University · Expected: May 2024
Relevant Coursework: *Software Engineering, Computer Networks, Database Systems* · GPA: 3.83/4.0

Bachelor of Engineering, Computer Engineering, National University Of Singapore · 2018 - 2022

SKILLS

Programming Languages	Python, Java, C++, JavaScript
Software Development	TypeScript, React, Redux, Node.js, Flask, .NET, PostgreSQL, Git, PyTorch

EXPERIENCE

Backend Engineer Intern · May 2023 - Aug 2023
MRI Software, LLC · *Solon, OH*

- Rapidly gained proficiency in .NET on the job to create standalone software that streamlined vendor payments.
- Achieved 30% time savings for clients using MRI's real estate software by pioneering batch processing of multiple payments as a single transaction.
- Revamped database schema and designed robust REST APIs for payment processing, leveraging EF Core.

Full Stack Developer Intern · May 2021 - Aug 2021
DBS Bank Pte Ltd · *Singapore*

- Led cross-functional collaboration within an Agile environment to develop a customer-centric payment application prototype, resulting in a successful launch by DBS in 2022.
- Reduced development time by 50% through the creation of reusable React.js components, enabling plug-and-play.
- Proactively solved problems and enhanced scalability by managing app state using Redux and Redux-Saga.

Data Analyst Intern · Jul 2020 - Dec 2020
Air Liquide Pte Ltd · *Singapore*

- Utilized SQL to acquire and analyze data, constructing Power BI dashboards that provided actionable insights to support decision-making processes.
- Implemented Python scripts to automate manual data cleaning procedures, resulting in significant time savings of 6 hours per week.
- Effectively communicated with stakeholders and gained hands-on experience with data storage systems, including Azure.

PROJECTS

Virtual Thrift Shop. Spearheaded a team of 4 in the development of an e-commerce application, implementing a "Model View Controller" architecture. Efficiently reduced REST API calls by employing Redux for front-end state management, resulting in a successful demo and effective utilization of team members' strengths. [(View Project)](#)

Smart Dance Wearable. Guided a team of 6 in conceiving an intelligent wearable, overcoming constraints with a small training dataset to achieve a 96% accuracy in predicting correct dance moves. Skillfully led the team through milestone reviews, culminating in recognition as the best-performing team. [(View Project)](#)

Expenditure Tracker App. Steered the development of a desktop Java app with currency conversion and real-time weather features, overseeing a team of 5. Organized collaborative coding sessions, achieved 80% code coverage through rigorous testing, and successfully launched to a class of 50 users. [(View Project)](#)

LEADERSHIP

Outreach Director for the [CWRU Hacker Society](#) with over 200 members. Organized and led CWRU's first AI conference, attracting an audience of 500 and featuring renowned guest speakers. Demonstrated strong leadership in executing the event and establishing a significant milestone for the university community.