

Jason Tran

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EXPERIENCE

Ernst & Young

Oct 2023 - Present

Software Engineer

Austin, Texas

- Extended Dynamics 365 functionality beyond out-of-the-box capabilities by developing custom PowerApps Component Framework (PCF) controls using TypeScript and React, eliminating 7 unnecessary clicks per record creation, streamlining user workflows
- Enhanced Microsoft Dataverse performance by restructuring table relationships, minimizing redundant lookups, and reducing unnecessary data retrieval, improving form load times by 36% and query execution times by 27%
- Developed and secured RESTful APIs using TypeScript (Node.js) for Dynamics 365, implementing OAuth 2.0, role-based access control (RBAC), and data encryption, reducing API response latency by 23% while ensuring compliance with banking security standards
- Installed robust authentication, error handling, and logging mechanisms for API integrations, reducing API downtime by 24%, preventing unauthorized access attempts, and improving system reliability based on monitoring logs
- Automated Azure DevOps CI/CD pipelines for PCF and API deployments, reducing failures by 34% and significantly accelerating release cycles through YAML workflows, automated testing, and rollback strategies

Dropbox

May 2022 - August 2022

Software Engineer Intern

Remote

- Developed a full-stack Client Portal using React-Redux and Django, enhancing user interactions and optimizing data processing for 1,000+ paying users
- Conducted A/B testing for loginless file uploads, improving user engagement by 18% and increasing conversion rates by 12% through workflow enhancements
- Implemented frontend testing with Jest, increasing test coverage and ensuring a stable user experience for a large-scale user base
- Optimized data partitioning strategies to improve system scalability and reduce storage overhead, ensuring efficient data distribution across nodes
- Collaborated with cross-functional teams to document code, improve maintainability, and ensure smooth knowledge transfer for production releases

Miami University

September 2021 - May 2022

Teaching Assistant

Oxford, Ohio

- Guided 100+ students in data structures, algorithms, and problem-solving techniques, reinforcing key concepts through targeted lessons
- Fostered comprehension by 25% and advancement by 30% based on assessments and assignment completion rates

SKILLS

Languages: Python, JavaScript, TypeScript, C++, C, Go, SQL, PHP, Bash

Frameworks & Libraries: React, Node, Express, Angular, MongoDB, REST APIs, Git, MySQL, Flask

DevOps: Docker, Kubernetes, Amazon Web Services (AWS), Google Cloud (GCP), Azure, CI/CD

EDUCATION

Miami University

May 2023

Bachelor of Science in Computer Science

GPA: 3.9/4.0

Relevant coursework: Object-Oriented Programming, Data Abstractions & Structures, Database Systems, Algorithms I, CodePath Advanced Software Engineer