

Eshaan Chaudhari

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EDUCATION

McMaster University

Bachelor of Engineering
Software Engineering and Management

Hamilton, ON
Graduated 2024
GPA: 3.5/4.0

EXPERIENCE

Manulife

Data Engineer – Platform Team

Toronto, ON
June 2025 - Present

- Built 20+ Jenkins pipelines using Terraform to provision Azure resources (Key Vault, ADLS, Web Apps, Cosmos) with THR-compliant networking and security practices through VNets, NSGs, Private Endpoints, and RBAC
- Standardized pipeline setup using a centralized Groovy-based shared library to manage authentication with az cli and shared environment configuration across pipelines to help with consistent provisioning
- Built tower standup automation to provision pre-configured Azure resource groups with networking and access controls, reducing setup time for new projects and help deliver infrastructure faster

Manulife

Full Stack Software Engineer

Toronto, ON
June 2024 – June 2025

- Built and shipped front-end features in React and back-end APIs in C# (.NET) for client-facing web apps
- Investigated and resolved production issues using Devo and New Relic, reducing recurring defects to under 1%
- Designed and developed a new client-facing web app using React micro front-ends and Node.js microservices
- Conducted Azure security compliance checks, configured cross-cluster proxy access, and optimized Redis caching to reduce memory usage and improve data consistency

Ciena

Software Engineer Intern

Ottawa, ON
May - Aug 2021, May - Aug 2022

- Built a real-time notification system for networking applications using Java and Spring with Kafka
- Developed new back-end features for RESTful APIs and microservices using OOP in a distributed system
- Fixed production defects, documented features and supported end-to-end delivery from planning to release

Software Automation Developer Intern

Sept 2020 - Apr 2021

- Developed test automation for microservices using JavaScript and Postman with TeamCity for CI/CD
- Built a Node.js tool to visualize service dependencies, enabling efficient QA testing on affected services
- Automated pull request validation in Python and built a reusable graph library for internal tools

Helping Hands

Software Developer Intern

Mississauga, ON
July – Aug 2019

- Led the redesign and implementation of a new UI for the application, rebuilding 90% of the front-end in React
- Translated UI designs into production-ready React components with refined visuals and user experience

PROJECTS

GazeTracker (Capstone Project)

- Built a browser-based gaze estimation system with JavaScript and jsPsych, collaborating with a university research lab to support real-time on-device tracking without external hardware
- Built a modular on-device inference pipeline combining face detection, landmark extraction, a PyTorch-trained gaze model, and a regression calibrator, exported to ONNX Runtime for fast client-side inference
- Balanced performance and accuracy across models, optimizing architectures and preprocessing to reach 30 FPS and under 3° angular error on consumer hardware

SKILLS

Languages

Python, JavaScript, TypeScript, C#, Java, SQL, Bash

Frameworks

React, Angular, Node.js, Express, .NET, Spring Boot, PyTorch, Flask

Cloud & DevOps

Azure, AWS, Terraform, Docker, Jenkins, GitHub Actions, CI/CD

Web & Backend

REST APIs, WebSockets, GraphQL, HTML, CSS, Kafka, Redis, MongoDB, Microservices

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals (AZ-900), Azure Administrator Associate (AZ-104)

Nov 2025