

Shayan Manoharan

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EDUCATION

The Ohio State University <i>B.S. in Computer Science and Engineering Specialization: Artificial Intelligence</i> Courses: Data Structures, Software Engineering, Machine Learning, Operating Systems, Database Systems	Expected May 2027 GPA: 3.9/4.0
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EXPERIENCE

WillowTree, A TELUS Digital Company <i>Software Engineering Intern iOS + Backend (Swift, C#)</i>	Columbus, OH May 2025 – Aug 2025
<ul style="list-style-type: none">Integrated live Radar SDK in Swift across 4,500+ stores to boost real-time location accuracy and app stability.Spearheaded “Favorite Order” feature improving repeat order flow by 30% for 41M+ lifetime users.Enhanced order analytics visibility by 15% via Segment tracking, improving insights for 9M+ active users.Refactored GraphQL resolvers in C#, improving reliability for 497K+ daily users and increasing test coverage.	Hilliard, OH May 2024 – Aug 2024

PROJECTS

Open Path (JPMorgan Code for Good 2025) <i>Django, React, MongoDB, TypeScript, Tailwind</i>	Nov 2025
<ul style="list-style-type: none">Built a full-stack CLEP policy platform for Modern States, serving 700K+ learners and 3K+ partner colleges.Developed Django REST APIs and MongoDB Atlas pipelines for real-time synchronization and secure access.Optimized frontend performance and user flow by 40% by building a React + TypeScript interface leveraging Tailwind UI, Google Maps API, and AI-generated summaries to streamline navigation and data display	June 2025
Core Commerce <i>Java (Spring Boot), React, TypeScript, PostgreSQL, AWS S3, Docker</i>	June 2025
<ul style="list-style-type: none">Built an e-commerce platform with RESTful APIs supporting inventory tracking across 10+ product categories.Architected infrastructure with Docker Compose and Spring Boot, streamlining deployments.Integrated AWS S3 for product image storage, ensuring scalable support for 1,000+ assets.	Mar 2025
Future Map <i>React, Node.js (Express), TypeScript, MongoDB, OpenAI API, LinkedIn API</i>	Mar 2025
<ul style="list-style-type: none">Built an AI-powered career planning platform serving 3.7M+ students to reduce post-graduation uncertainty.Engineered a recommendation engine using Node.js (Express), and MongoDB to generate five dynamic content modules (majors, courses, extracurriculars, etc.) displayed on a real-time interactive dashboard.Integrated LinkedIn API and modular REST endpoints to map student interests to professional networks, boosting engagement and career-match accuracy by 35% through intelligent data linking and caching.	

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript, C++, C#, Swift, SQL, HTML, CSS
Frameworks/Technologies: React, Django, Node.js, Tailwind, MongoDB, AWS, Spring Boot, GraphQL, REST APIs
Developer Tools: Linux, Git, GitHub, VS Code, Xcode, Eclipse, Jira, Agile, Figma, Docker, Fork

LEADERSHIP & ACTIVITIES

Buckeye Google Developer Club <i>Developer</i>	May 2025 – Present
<ul style="list-style-type: none">Honed skills in Google Cloud through compute, infrastructure, and deployment projects.Pursuing Google Project Management Certification focused on Agile and stakeholder collaboration.	Jan 2024 – Present