

Suleyman Kiani

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EDUCATION

McMaster University <i>Bachelor of Applied Science (BASc) in Computer Science</i>	Remote Sept. 2018 - Nov. 2024
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EXPERIENCE

Junior Web Developer <i>GiftCash Inc.</i>	May 2021 - Jul. 2022 Remote
<ul style="list-style-type: none">Migrated a legacy Python/Django monolith to a Node.js serverless microservices architecture, boosting scalability by 15%, reducing infrastructure overhead, and enabling cost-effective scaling.Optimized PostgreSQL performance through strategic indexing, caching, and query enhancements, leading to a 20% reduction in response time and improved database efficiency.Automated data extraction workflows using Puppeteer and Axios in Agile, enhancing gift card balance verification processes and increasing operational efficiency by 25%.Established Jenkins and GitHub Actions CI/CD pipelines, facilitating rapid development cycles and seamless deployments, significantly improving release frequency and reliability.	

PROJECTS

Applify AI - AI-Powered Resume Tailoring <i>TypeScript, Next.js, MongoDB</i>	Feb. 2025 - Present
<ul style="list-style-type: none">Developed and deployed an AI-Powered Resume Tailoring Platform using NextAuth.js, MongoDB, OpenAI's GPT-4, and LaTeX, enhancing job application effectiveness and resume relevance. Implemented secure authentication, profile management, and subscription-based revenue generation with Stripe.Implemented JWT-based session management, role-based access controls, and automated bullet point generation that improved resume formatting and keyword analysis, supporting multiple resume versions and professional PDF outputs.	
SKompXcel - Academic Excellence Platform <i>Next.js, TypeScript, Tailwind CSS</i>	Jan. 2024 - Present
<ul style="list-style-type: none">Founded a mentorship platform using Next.js and TypeScript, supporting 20+ students in Computer Science, hosted on Google Cloud for scalable and reliable performance.Architected a responsive UI with Tailwind CSS, enhancing user experience and accessibility, resulting in a 30% increase in student engagement and interaction metrics.Implemented scalable hosting on Google Cloud Compute Engine and Cloud Storage, ensuring 99.9% uptime and seamless access for students and mentors worldwide.	
Crime Analysis and Navigation System <i>Java SE 10, OpenCSV, Google Gson</i>	Mar. 2023 - Apr. 2025
<ul style="list-style-type: none">Developed a Java SE 10 desktop application analyzing over four million NYC crime records, integrating advanced spatial analysis, statistical computation, and Dijkstra's algorithm to provide robust visualizations, frequency rankings, and safest navigation routes for tourists and real estate investors.Enhanced data processing and accuracy using OpenCSV and Google Gson for large dataset handling, along with LocationIQ's geocoding API for precise, location-specific crime information and safety filtering.	
Neural Network Learning Framework <i>Python, Jupyter Notebook, Micrograd</i>	Jan. 2025
<ul style="list-style-type: none">Developed a neural network learning framework using Python and Jupyter Notebook to demystify the principles of neural network training and backpropagation.Implemented core components such as 'Value', 'Neuron', 'Layer', and 'MLP' classes, enabling automatic differentiation and gradient computation within a modular architecture.Recreated the Micrograd library's functionality to provide an intuitive understanding of neural networks, showcasing how small networks can perform complex tasks through iterative gradient descent.Enhanced learning by detailing the process of optimizing neural networks with cross-entropy loss, similar to models like GPT, demonstrating emerging properties in large-scale data training.	

TECHNICAL SKILLS

Programming languages: JavaScript, TypeScript, Dart, Java, Python, Swift
Frameworks: Next.js, React, Tailwind CSS, Django, Chakra UI, SASS, Flutter, Node.js, Express.js, BLoC, SwiftUI
Tools & Cloud Services: Firebase, Vercel, MongoDB, PostgreSQL, GitHub Actions, JUnit, Docker