

# Arman Jeevani

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## HIGHLIGHTS OF QUALIFICATIONS

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- Versatile full-stack developer skilled in backend-heavy development with Node.js, Python, C++, and Java, complemented by frontend expertise using React, Next.js, HTML, and CSS for dynamic web applications.
- Proficient in designing and deploying scalable real-time systems, RESTful APIs, and microservices architectures, Experienced in cloud-based deployment, database management, system optimization, and secure authentication mechanisms.

## EDUCATION

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**Computer Programming & Analysis, Seneca College**

Advanced Diploma

Jan 2022 – April 2025

## PROJECTS

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**Real-Time Chat Application (Node.js, Socket.io, Redis, React)**

- Developed a full-stack real-time chat application using Node.js, Socket.io (WebSockets), and React, enabling instant messaging for 100+ users, employing Redis for pub/sub caching and MongoDB for persistent storage.
- Implemented secure user authentication (JWT) and RESTful API endpoints for user management.

**Art Explorer Web App (HTML, Next JS, React)**

- Developed a web application using Next.js and React to search and display artwork from the MET library.
- Implemented a custom API hosted on Cyclic.sh to interface with the MET library API and fetch artwork data.

**Personalized Recommendation Engine (Python, TensorFlow, Flask)**

- Designed a scalable data processing pipeline with Pandas to ingest and preprocess 10,000+ user ratings and product entries, ensuring high-quality data for model training.
- Utilized TensorFlow to implement a neural collaborative filtering model, improving recommendation accuracy by 15% after hyperparameter tuning and feature engineering.
- Deployed the model as a Flask RESTful API on Azure, enabling seamless API integration with a web platform and delivering recommendations in under 100ms to enhance user experience.

## EXPERIENCE

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**Web Developer & Database Manager**

Ruby Infosys

**Kampala, UG**

Jan 2019 - Oct 2019

- Developed interactive product catalog website for electronics retail using ReactJS and CSS3, Implemented MongoDB for real-time inventory updates by store owners.
- Utilized Node.js and Express.js for backend development, enabling product reservation calls.
- Applied SEO strategies for increased online visibility and Ensured website security with HTTPS and data encryption techniques.

## LEADERSHIP

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**The Ismaili Canada**

Camp Counsellor (Odyssey)

**Toronto, ON**

Feb 2021 - Mar 2021

- Led the successful coordination of the inaugural Camp Odyssey in Toronto, managing over 100 volunteers to facilitate a seamless event and enriching the experience for over 400 participants through a novel virtual learning environment.

**The Ismaili Uganda**

Camp Counsellor (Spark)

**Kampala, UG**

Dec 2019

- Mentored 100+ students in religious events, leading diverse group activities and collaborating with Community Leaders for educational experiences.

## SKILLS & INTERESTS

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**Skills:** C | C++ | Python | HTML | CSS | JavaScript | SQL | Windows Admin & Networking | Cisco Packet Tracer | Linux Scripting | Swift | Node JS | Next JS | Microsoft Azure | Java | React | Django | Docker | TensorFlow | Pandas

**Certifications:** CS50x Intro to Computer Science (Harvard), CS50w Web Development with Python and JavaScript (Harvard), Programiz C++, Programiz Python, Programiz C

**Interests:** Tech Enthusiast | Filming | Acting | Competitive Gaming | Cricket | Badminton | Table Tennis | Football | Basketball | ESports