

Arshia Motamedi

Toronto, ON, Canada | 905-347-2205 | arshiakm2000@gmail.com

www.arshiamotamedi.com

Profile

junior developer with 5+ years of IT experience, specializing in Node.js, Express.js, and RESTful API design. Proficient in SQL, JavaScript, and database management, with hands-on experience in MongoDB and PostgreSQL. Designed APIs for automated systems during a backend development internship and integrated JWT authentication for secure applications. Skilled in hardware troubleshooting and technical support from a Service Desk role. Strong problem-solver with a focus on collaboration and continuous learning.

Technical Skills

Programming Languages & Frameworks:

- JavaScript , Node.js, Express.js, C++, HTML, CSS, Python
- REST APIs, JWT Authentication, OAuth

Databases & Cloud Services:

- PostgreSQL, MongoDB, Mongoose
- Vercel (Cloud deployment & hosting)

Development Tools & Practices:

- Git, GitHub, Jira
- Object-Oriented Programming (OOP), Debugging & Troubleshooting
- Agile, Scrum

Education

Seneca Polytechnic – Toronto, ON

Diploma in Computer Programming (CPP) | Expected: April 2025

Relevant Coursework:

- Software Development & Object-Oriented Programming
- Web Programming Tools & Frameworks
- Database Systems & Data Management

- Software Engineering Principles

Experience

Research Assistant – Backend Development
(July 2024 – November 2024)

- Designed and implemented RESTful APIs to automate the generation and delivery of invoices and email templates to users.
- Utilized Node.js and Express.js to build scalable and efficient server-side applications.
- Integrated JWT authentication for secure user sessions and data protection.
- Gained hands-on experience with MongoDB for NoSQL database management and PostgreSQL for relational database systems.

Service Desk Specialist | Mehr Iran Bank – Qazvin, Iran
(Aug 2017 – June 2023)

- Provided first-line technical support, resolving hardware, software, and network-related issues across 17 branches.
- Diagnosed and troubleshooted connection issues, ensuring stable and secure network operations.
- Managed and maintained essential IT equipment, minimizing downtime and improving system reliability.

Team Member | Tim Hortons – Richmond Hill, ON
(Mar 2024 – Present)

- Demonstrated exceptional teamwork and communication skills in a fast-paced environment.
- Promoted to Baking Station for maintaining high standards of quality and efficiency.

Key Strengths

- Problem-Solving | Adaptability | Continuous Learning
- Team Collaboration | Communication | Time Management

Project Experience

Node.js Web Application Development Project

- Developed a **Node.js** backend for an online shop, utilizing **Express.js** for robust routing and handling dynamic GET/POST requests.
 - Designed and implemented a **forum frontend** using **HTML** and **EJS** for templating, enabling seamless user interaction.
 - Built and managed databases using **MongoDB** and **Mongoose** for NoSQL data storage and **PostgreSQL** for relational data management, ensuring efficient storage and retrieval of product and user data.
 - Integrated **JWT authentication** for secure user sessions, including password hashing and token-based access control.
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Extracurricular Activities

- C++ & Database Tutor
 - Assisted students in improving coding skills and database management expertise.