

# MOSTAFA ZAMANI

Software Developer | Calgary, Alberta | 825-288-9400

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## PROFESSIONAL SUMMARY

Software Developer with hands-on experience building full-stack web applications using React, Node.js, MongoDB, and RESTful APIs. Skilled in developing dynamic, user-focused interfaces and integrating real-world AI features like OpenAI's GPT API. Known for writing clean, maintainable code, and a quick learner and effective team player.

## EDUCATION

Sep 2023 – Apr 2025

Bow Valley College, Calgary, AB

Software Development Diploma

GPA: 3.85/4.00

## EXPERIENCE

Centre of Innovation and Research into Unmanned Systems (CIRUS), SAIT, Calgary, AB

Aug 2023 – Feb 2024

Research Assistant – Web Developer

- Designed and developed interactive web applications Using HTML, CSS, JavaScript, React, SQL, Node.js and MongoDB.
- Managed and improved the CIRUS website, optimizing performance and usability.
- Developed AI-driven detection solutions, enhancing research efficiency.

The Home Depot, Calgary, AB

Mar 2024 – Present

Sales Associate

- Strengthened customer communication by assisting with tailored DIY solutions.
- Developed problem-solving skills through hands-on customer interactions.
- Designed deck solutions by providing expert guidance on lumber selection, materials, and project planning for customers.

TT Akam Pardazesh Aryana, Tehran, Iran

Sep 2019 – May 2022

Web Developer - Intern

- Designed and developed interactive web applications to meet client needs.
- Built and optimized databases, improving data management efficiency.

## TECHNICAL SKILLS

**Frontend:** React, JavaScript (ES6+), HTML5, CSS3, Bootstrap, Framer Motion, Responsive Design

**Backend:** Node.js, Express.js, MongoDB, REST APIs, MS SQL Server, MySQL

**Tools:** Git, GitHub, Azure DevOps, Postman, Visual Studio, VS Code

**Languages:** C#, Python, Java, PHP, SQL

**Concepts:** Agile, Scrum, OOP, UX/UI Design, AI Integration (OpenAI GPT API)

**Other:** WordPress, Wix, Unreal Engine (Basic), Windows App Development

Familiar With: AWS, Angular, TypeScript, C++, Machine Learning (Introductory)

# PROJECTS

## TravelBot – AI-Powered Travel Planning Assistant

*React, OpenAI API, Node.js, Framer Motion, RESTful APIs*

- Built an AI chatbot that generates personalized travel itineraries based on user preferences like budget, location, and interests.
- Integrated **OpenAI's GPT API** for conversational input and multi-option output.
- Developed a **responsive** UI with React and enhanced UX using **Framer Motion**.
- Demonstrated strong frontend skills and real-world **AI integration**.
- **Link:** <https://travelbot-mz.netlify.app>

## Task Management Dashboard

*React, Node.js, MongoDB*

- Developed a responsive Kanban board for task management.
- Implemented a secure **authentication** system with task/project **CRUD operations**.
- Designed a **RESTful API** backend to handle task assignments dynamically.
- **Link:** <https://mz-task-management.netlify.app>