

Pouyan Norouzi

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SKILLS

- Software Development: JavaScript, TypeScript, Python, Java, C#, C, Kotlin
- Web Technologies: HTML, CSS, React, Vue, Next.js, Nuxt, jQuery, Node.js, Express.js, EJS
- Systems: Linux, Bash, Operating Systems, Raspberry Pi, Networking, System Security, Android
- Data: MongoDB, MySQL, PostgreSQL, Firebase, Prisma, DynamoDB, RDS
- Cloud & DevOps: EC2, Lambda, S3, Git, Docker, Nginx, AWS Amplify, Jenkins

PROJECTS

FaaSify

Academic Project

A serverless e-commerce platform built on AWS cloud architecture in an 11-person team.

- Developed WebSocket server using TypeScript and Bun for real-time messaging features.
- Implemented typing indicators, read receipts, and user presence tracking.
- Deployed on AWS infrastructure utilizing Lambda, DynamoDB, and API Gateway.
- Maintained continuous deployment pipeline to test and validate changes in production environment.
- Gained experience in orchestrating multiple services and managing serverless architecture at scale.
- GitHub: <https://github.com/faasify-official>

Memeify

Academic Project

A full-stack meme generation platform that uses AI to create captions for uploaded images.

- Built TypeScript backend API and HTML/CSS/JavaScript front-end for image upload and management.
- Integrated Python-based FastAPI micro-service with BLIP model for AI-powered image captioning.
- Implemented user authentication and image processing workflows.
- GitHub: <https://github.com/PouyanNorouzi/memeify-backend>

Accountium

ISSP Project

An industry-sponsored project to improve the UI of existing accounting software and develop marketing materials.

- Worked with a C# backend and vanilla HTML, CSS, JavaScript, and jQuery front-end.
- Developed a reusable table component for programmatic table generation with consistent styling.
- Addressed legacy code challenges by creating modular, maintainable UI components.

Conscious Connections

ISSP Project

An industry sponsored student project building a full-stack dating platform for conscious connections.

- Built user profiles, matching algorithms, and secure messaging features.
- Used Next.js, NextAuth, and Tailwind CSS for a modern, responsive UI.
- Integrated Stripe for subscription-based features and payments.
- Emphasized clean architecture and collaborative Agile development.

TDP Games

Academic Project

A cloud-hosted real-time game platform designed for AWS deployment.

- Implemented multiplayer game logic using WebSockets and Redis for live state updates.
- Built user authentication, lobby creation, and matchmaking features.
- Deployed using AWS infrastructure with scalability in mind.
- Designed responsive front-end using HTML, CSS, and TypeScript.
- GitHub: <https://github.com/rockclimber147/CloudComputingTermProject>

Pouyan Web Services

Personal Project

A cross-platform C-based client using libssh that connects to an SSH server for file management and remote terminal access.

- Developed SSH and SFTP functionality for secure communication with Raspberry Pi servers.
- Ensured compatibility across Linux and Windows operating systems.
- Focused on a clean command-line interface and stable file transfer operations.
- Utilized libssh for efficient session handling and authentication.
- GitHub: <https://github.com/PouyanNorouzi/pws>

Multicultural Calendar

Personal Project

A global holiday calendar web application displaying holidays from various cultures along with historical and cultural context.

- Utilized Vue and JavaScript for building dynamic and reactive user interfaces.
- Designed RESTful APIs with Node.js to fetch and serve holiday data efficiently.
- Leveraged MongoDB for scalable and flexible data storage.
- Implemented features for search, filtering, and date-based navigation to enhance user experience.
- GitHub: <https://github.com/PouyanNorouzi/multicultural-calender>

DisasterNot

Academic Project

An educational web application designed to help users prepare for natural disasters with an interactive chat-bot.

- Developed front-end views using HTML, CSS, and EJS templating in Node.js.
- Created a dynamic chat-bot using the OpenAI API to provide natural language responses and summaries for disaster preparedness.
- Built and maintained a MongoDB database to store user interactions and frequently accessed information.
- Focused on delivering a user-friendly design with accessible content to reach a broad audience.
- Github: <https://github.com/raymondx/2800-202410-BBY28>

Textbook Hero

Academic Project

A web application designed to facilitate peer-to-peer buying and selling of used textbooks among students.

- Built responsive and intuitive user interfaces using HTML, CSS, and JavaScript.
- Integrated Firebase for authentication, real-time database management, and data storage.
- GitHub: https://github.com/PouyanNorouzi/1800_202410_BBY09

EXPERIENCE

TECH Specialist, London Drugs, Burnaby

June 2025 – Present

Delivering product advice and sales assistance in the Tech Department at London Drugs

Front Desk Volunteer, BCITSA, Burnaby

September 2024 – May 2025

Provided front-desk support by greeting visitors and assisting with administrative tasks.

Home Solutions Advisor, Best Buy, Coquitlam

August 2023 – January 2024

Was a seasonal hire that helped with sales during a busy season

EDUCATION

British Columbia Institute of Technology

January 2024-December 2025

Computer Systems Diploma

Burnaby, BC

Terry Fox Secondary School

Class of 2023

Coquitlam, BC