Mostafa Shahrabadi

Richmond Hill, ON   +1(647)8988084   mhasanalipourshahrab@myseneca.ca
linkedin.com/in/mostafa-shah   https://m-shah.vercel.app   github.com/most4f4

TECHNICAL SKILLS

PROGRAMMING LANGUAGES: Python, Java, C++, C (Unix Programming), JavaScript, Swift, PHP
BACKEND DEVELOPMENT: Node.js, Express.js, RESTful API, Microservices, WordPress
FRONTEND DEVELOPMENT: React, Next.js, Angular, React Native, HTML, CSS, SASS, Bootstrap, Tailwind CSS, Expo
CLOUD & DEVOPS: AWS (ECS, Fargate, DynamoDB, S3, Cognito), Docker, Multi-stage builds, CI/CD, Git
DATABASE MANAGEMENT: DB2, Oracle SQL Developer, MongoDB, Supabase, Firebase, Mongo Shell Scripting
MACHINE LEARNING: TensorFlow, Scikit-Learn, OpenCV, Pandas, NumPy, Matplotlib, MTCNN
DEVELOPMENT TOOLS: VS Code, IntelliJ IDEA, Xcode, Visual Studio, Jira, Visual Paradigm, AutoCAD, Adobe Journey Optimizer

PROJECTS

ChowHub | React, Next.js, Node.js, Express.js, MongoDB, Claude 3 AI, Chart.js, JWT, Tailwind CSS, Cloudinary

- Led a team of four developers through complete SDLC to develop a restaurant management platform
- Architected full-stack solution with multi-restaurant support, role-based access control, and POS system
- Integrated AI-powered business intelligence and advanced analytics dashboard for tracking performance
- Engineered real-time inventory updates with sales, automatic notifications, and user administration
- Streamlined menu management with ingredient tracking and automated menu item availability control
- Project URL: https://chowhub.vercel.app/

CloudDocs Microservice Platform | Node.js, Express.js, React, Next.js, AWS (DynamoDB, S3, Cognito, ECS), Docker, Jest, Sharp, OIDC

- Built full-stack microservice for managing text and image fragments with secure AWS Cognito authentication
- Deployed scalable AWS cloud architecture with DynamoDB for metadata storage, S3 for data persistence, and containerized deployment using Docker and AWS ECS/Fargate
- Created responsive React frontend with file uploads, real-time previews, and OAuth authentication
- Achieved 90%+ test coverage using Jest unit tests, Hurl integration tests, and local DynamoDB/S3 testing setup
- Project URL: https://hub.docker.com/r/mostafa4490/cloud-docs

EDUCATION

Advanced Diploma – Computer Programming & Analysis: Seneca Polytechnic, January 2023 – September 2025

Master of Science in Engineering: University of Birmingham (UK): September 2016

EXPERIENCES

Web Developer Intern: Questrade Financial Inc., Toronto, September 2024 – December 2024

- Led implementation of advertisement banners and tiles for Zolo Housing Platform (Zolo.ca), handling the complete development process from design to production launch
- Migrated email templates to Adobe Journey Optimizer platform and ensured cross-provider consistency across all email service providers, improving campaign delivery reliability by 20%
- Collaborated with cross-functional teams to enhance corporate websites and internal Google Sites, integrating event tracking systems and resolving UI inconsistencies through BDD testing methodologies

Project Engineer: Aldani Master Group, Toronto, June 2022 – November 2022

- Coordinated with engineers and contractors, ensuring layout designs meet project objectives and regulatory standards, reducing rework by 10%
- Executed site surveys and controlled project inspector assessments across 2 sites, improving project planning accuracy and minimizing errors

Frontend Web Developer: Luna Group, UAE, August 2020 – March 2022

- Designed and implemented web application (https://www.lunagp.ir/) with 3rd-party software integrations, serving as web team liaison for all in-app purchase implementations
- Resolved cross-browser layout inconsistencies and developed responsive user interfaces based on real-time user interactions and analytics insights
- Optimized image formats and asset delivery following Lighthouse recommendations, reducing page load times by 0.8 seconds and improving overall user experience