

# ALI(ALIREZA)HAMAMI

Address: Canada, Halifax, NS | Phone: +1 (782)882-3646 | alireza.hamami@gmail.com

## ABOUT ME

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Innovative and dedicated Full Stack developer with one year of experience crafting and maintaining responsive websites. I thrive in collaborative environments and am open to mentorship, showcasing expertise in JavaScript, Nodejs, HTML, CSS, and ReactJS. A recent graduate from NSCC in Halifax, I bring a fresh perspective, robust problem-solving skills, and a developer background focused on UI, Docker, Python, and NextJS. My experience spans both front-end and back-end development, with exposure to big data research, workflow management, and content creation. A continual learner with a disciplined approach, I am well-versed in learning outcomes, quality assurance, acceptance testing, and continuous integration. Proficient in social media management and recognized for creativity.

## SOFTWARE SKILLS

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- Proficiency in: React.js, Nodejs, JavaScript, HTML5, CSS, Tailwind CSS, SASS, SCSS
- Expert knowledge of: RESTful APIs, JSON data structures
- Good knowledge of: Version control systems (GitHub, GitLab)
- Experience with databases: Relational and non-relational structures (MySQL, PostgreSQL, MongoDB)
- Project Management: JIRA
- Programming Languages: Typescript, Python, MATLAB, C
- System Familiarity: Linux command line, Ubuntu Operating system
- Additional Knowledge: Data Science, Machine Learning algorithms, Python libraries, PLC programming like Ladder, ST, FBD

## EXPERIENCE

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### Front-end Developer

Rootip Company | Remote

Mar 2022 - Aug 2022

- Created and maintained front-end code for an e-commerce website (redesign, updates, production work)
- Established sustainable web applications using React with documented test scenarios.
- Worked in an agile environment with daily/weekly stand-ups and kept track of user stories/bugs.
- Collaborated with 4 other team members to develop new user-facing features.
- Obtained fabulous experience in JavaScript, Html, CSS, and React and learned how to write clear, concise reusable code.

### **Computer & Control Engineer**

**Atra Oxin Karoon Company | Tehran**

**Jul 2018 - Mar 2022**

- Coordinated planning and strategy meetings with all Department Supervisors to modify and develop operating procedures, equipment, techniques, and research protocols to inspire continued innovation and success.
- Shop lead person in the company for all projects and installations regarding control systems for production equipment.
- Participated in PLC programming to design a reliable and sustainable code.
- Prepared reports for data compiling regarding existing and potential electrical engineering projects.

### **Python Developer**

**Future Wave Ultra Tech Company | Tehran**

**Nov 2017 - Jul 2018**

- Spearheaded the rewriting of logic and development of a robust platform for Real-Time Performance Monitoring at TCI company.
- Employed both relational and non-relational databases to craft intuitive dashboards, enhancing data visualization.
- Reviewed code and debugged errors to improve performance.
- Collaborated with project managers to design and implement scalable solutions.
- Designed and enhanced many Grafana dashboards for better in-person monitoring.

## **EDUCATION**

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**Nova Scotia Community College | Full stack Developer Graduate Certificate**

**Sep 2023 – April 2024**

- Achieved an outstanding academic performance, graduating with a top-tier GPA of 4.0, earning the highest grade in the program. I achieved a grade of 99 out of 100, showcasing exceptional mastery of the curriculum.
- Acquire essential programming skills, including modular problem-solving and algorithm creation, with a focus on mastering the core syntax of languages such as JavaScript.
- Develop expertise in software testing and quality control, mastering the design and implementation of tests within modern testing frameworks, including tools like Selenium or Jest.
- Gain cross-platform application development skills, enabling the creation of desktop and mobile applications using existing web development capabilities with languages like React Native or Electron.
- Explore emerging technologies in application development, identifying opportunities for improvement and efficiency while supporting personal development in languages like Python or TypeScript.

**Petroleum University of Technology | MSc. in Computer & Control Engineering**

**Sep 2012 – Feb 2015**

- Ranked 2nd among graduate cohorts.
- Thesis: Simulation-Based Analysis, Design, and Implementation of Control Loops for an Industrial Gas Turbine in PLC-Based Control Systems.

**University of Zanjan | BSc. in Electrical Engineering**

**Sep 2007 – Jun 2011**

## **AWARDS AND HONORS**

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- Ranked in the top 0.5% of the Nationwide University Entrance Exam for the B.SC program, with nearly 480,000 participants.
- Ranked 3rd among total participants of 12,000 in the Nationwide University Entrance Exam for the MS program.