

Soroosh Esmaeilian

Linkedin: <https://www.linkedin.com/in/sorooshes98/>

Personal Website: <https://www.sorooshes98.com>

Email: soroosh.esmaeilian@gmail.com

Address: Calgary - Open to relocation

Mobile: +14033251377

Proficient full-stack developer with experience in modern frameworks such as Next.js, Angular, Express.js and Django. Proven track record of building AI-driven SaaS features, including authentication flows, subscription, and secure payment integration.

EXPERIENCE

• Full-Stack Developer

Bowrand Inc. (Next.js + Express.js)

Calgary, CA

May 2025 - Now

- Developed and designed Syncolink.net dashboard, an AI based **SaaS** with **subscription (Stripe)** + **usage based** model for voice AI assistant.
- Integrated **Stripe Connect (Express)** for Bowrand platform, enabling secure onboarding and payment processing for customers. (Shahtire.com, Hairsforme.com)
- Improved component rendering performance with **React.memo** (Shahtire.com).

• Full-Stack Developer (Internship)

Wedge Networks

Calgary, CA

Sep 2023 - Jul 2024

- Designed and implemented a Java components to handle **concurrent** IoT sensor inference requests using a queuing system + **RabbitMQ** for live sensor data.

• Full-Stack Developer

ATLAS lab

Tehran, IR

Feb 2020 - Aug 2020

- Developed a Java-based web crawler and integrated its data into an open-source security web application with a Django backend.

• Machine Learning Research Assistant

Institute For Research In Fundamental Sciences (IPM)

Tehran, IR

Sep 2018 - Apr 2021

- Participated in two competitions centered on brain signals and received awards for outstanding performance.
- Classified brain activity levels using FNIRS data with machine learning algorithms.
- Classified SSVEP signals in EEG data using machine learning algorithms.

PROJECTS

• BrowseMind (Website)

GitHub Link

- A chrome extension + Django backend project that helps you understand your online behavior by summarization and visualization. (Percentage of time spent on news, sports, etc.).
- Summarization of user browsing activity using a LLaMA-based (**RAG**) model.

• FindConnections (Website)

GitHub Link

- A Next.js fully responsive website (**Tailwind CSS**), that uncovers connections between notable individuals through shared photographs.
- **Lambda-based** pipeline that allows admin users to automatically populate the dataset with new celebrity pair images.

SKILLS

- **Languages:** Python, JavaScript, TypeScript, CSS, HTML, C, C++, Java
- **Databases:** MySQL, PostgreSQL, MongoDB, Neo4j, DynamoDB
- **Frameworks:** Next.js, Angular, Django, Express.js
- **DevOps & Cloud:** Docker, AWS EC2/S3/Lambda, Nginx, GitLab CI/CD

EDUCATION

- **Master of Science in Computer Science, Major in Computer Networks** Calgary, CA
Networked Systems and Applications Lab, University of Calgary *Aug 2021 - Dec 2024*
 - Designed a network-wide sampling system in SDNs implementable in Datacenters and ISPs using ns-3 (C++).
 - Achieved up to 10% improvement compared to state-of-the-art sampling solutions. (Visit Publication)
- **Bachelor of Computer Engineering** Tehran, IR
University of AmirKabir *Sep 2016 – Sep 2020*