

SEAN ROSHAN

Senior Full Stack Developer

📧 sean.roshan.91@gmail.com

✉ Richmond Hill, ON, CANADA

☎ +1 (647) 668-9209

🌐 <https://seanroshan.live>

WORK EXPERIENCES

Lead Full Stack Software Developer

Companyon Ventures

📅 Jan 2021 – Present

📍 Irvine, CA United States

- Responsible for detailed requirement analysis, planning, designing, development, testing, and deployment.
- Developed an **Angular** application with a micro-services architecture based on **Spring Boot**, **MongoDB**, and **MySQL**.
- Deployed the application to **AWS** and employed numerous services, including **API Gateway**, **SQS**, **Lambda**, and **S3**.

Software Developer

DentalXChange

📅 Jul 2019 – Present

📍 Irvine, CA United States

- Developed the required micro-services using **Spring Boot**, deployed to **Docker** containers, and load-balanced by **Nginx**.
- Designed the user interface of PMA, PEA, and Support applications using **Angular**.
- Automated the dentist credentialing service by using **Node**, **Express**, and **Puppeteer**. The applications deployed to **docker** that runs on **AWS** employ services like **ECR**, **ECS**, and **SQS**, resulting in a **99%** reduction in service time.

Instructor

2U - University of Toronto

📅 Aug 2022 – Present

📍 Toronto, ON Canada

- Train students that are looking to enter the competitive job market of coding covering MERN (**MongoDB**, **Express**, **React**, **Node**) stack.

Full Stack Software Developer

Freightgate

📅 Oct 2018 – Jul 2019

📍 Fountain Valley, CA United States

- Developed the Email Application back-end server and created a Restful API using **Node**, **Express**, and **MySQL** over IMAP and SMTP protocols.
- Developed an Email Application user interface by employing the **Sencha ExtJS** framework.
- Designed a data mining system using **Node**, **Express**, **Puppeteer**, **Python**, and **MySQL** to mine data by processing contents in different formats like HTML, PDF, CSV, and EXCEL.

Software Engineer

University of California, Riverside

📅 Sep 2015 – APR 2018


📍 Riverside, CA United States


- Developed parts of the GPGPU Simulator written in **C++**, and programmed parts of GEM5 simulator written in **Java** to test the performance of GPGPU's research ideas.

SUMMARY


I'm a self-motivated and visionary software developer with over seven years of experience producing robust and scalable applications. I can analyze requirements and provide creative solutions to complex problems with my deep knowledge of system design and top-notch coding skills. In my previous role, I designed an application to automate the dentist's credentialing process for insurance companies, reducing processing time by 90%. Furthermore, on a team of five developers, I helped migrate a monolithic legacy Apache Wicket application to a modern Spring-Angular framework with micro-services architecture, opening new revenue opportunities for my employer. My most recent project was to create a web application from scratch for a venture capital company, potentially generating multi-million dollars annually.


SKILLS

 **Programming Languages**
Java, JavaScript, HTML, CSS, Python, C, C++

 **Frameworks**
Angular, React, Sencha Ext JS, Node, Express, Spring

 **Databases**
SQL (MySQL), MongoDB, Firebase

 **Deployment**
Docker, Heroku, Git, AWS

 **Libraries, Tools, and Languages**
Bootstrap, Material, Prime, jQuery, Ajax, XML, JSON, Bash, GraphQL, Rest

EDUCATION

M.Sc. in Computer Science

University of California, Riverside

📅 2018

📍 United States

B.Sc. in Computer Engineering

Sharif University of Technology

📅 2015

📍 Iran