

SEAN ROSHAN

Senior Full Stack Developer

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✉ Richmond Hill, ON, CANADA

☎ +1 (647) 668-9209

WORK EXPERIENCES

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.

Lead Full Stack Software Developer

Companion 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 microservices 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

EDI Health Group

📅 Jul 2019 – Present

📍 Irvine, CA United States

- Developed the required microservices 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.JS, 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.

Full Stack Software Developer

Freightgate

📅 Oct 2018 – Jul 2019

📍 Fountain Valley, CA United States

- Developed the Email Application backend server and created a Restful API using Node.JS, 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.

Instructor

2U - University of California

📅 Sep 2018 – May 2019

📍 CA United States

Software Engineer

University of California, Riverside

📅 Sep 2015 – APR 2018

📍 Riverside, CA United States

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.js, Express.js, Spring



Databases

SQL (MySQL), MongoDB, Firebase



Deployment

Docker, Heroku, Git, AWS



Libraries, Tools, and Languages

Bootstrap, Material, jQuery, Ajax, XML, JSON, Bash

EDUCATION

M.Sc. in Computer Science

University of California, Riverside

📅 2018

📍 United States

B.Sc. in Computer Engineering

Sharif University of Technology

📅 2015

📍 Iran