SHAYAN KAZEMI TEHRANI

Software Engineer

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SUMMARY

As an experienced professional with over 4 years of experience as a Senior Software Engineer, I have successfully developed a booking system and played a key role in designing the IDmelon SSO system in Vancouver. My expertise lies in Distributed and Cloud-Based Software Engineering, reflecting my commitment to delivering innovative solutions in the field.

EXPERIENCE

Web Chair

The Canadian Society of Information Theory

📅 2023   📍 Montreal, Canada

- Design, Development and Deployment of the 31st Biennial Symposium on Communications 2023 (BSC 2023) conference.

Software Engineer

IDmelon Technologies Inc.

📅 2022-2023   📍 Vancouver, Canada

- Design and develop a robust SSO server for IDmelon and host it on Google Cloud with more than 500 active users.
- Played a key role in enhancing the software architecture, ensuring scalability and maintainability for the IDmelon SSO system.
- Utilized React for frontend development, improving the user interface and overall user experience.
- Contributed to CI/CD pipelines to streamline the development and deployment processes.
- Collaborated in Scrum teams for streamlined project management
- Implemented microservices architecture to create a flexible and modular system.
- Designed, developed, and maintained RESTful APIs, connecting the SSO server with 10+ applications and services.
- Utilized Docker for containerization to simplify deployment and scaling of the application.

Senior Software Engineer

Vira Co.

📅 2019-2021   📍 Tehran, Iran

- Integrated messaging and payment APIs to optimize system functionality and payment processing.
- Managed server operations, optimizing performance, reliability, and availability to meet project requirements.
- Released project source code on GitHub, fostering community collaboration and transparency.

PROJECTS

Food Intake Monitoring System

django, python, kotlin, pytorch, numpy, computer vision

- Developed an Android application for food intake monitoring, employing advanced computer vision techniques.

Webfolio

javascript, python, django, linkedin api, chatgpt api, ,html5, css, bootstrap, jquery

- Designed and developed an intelligent portfolio website creation system that leverages data-driven recommendations.
- Integrated technologies such as LinkedIn API, ChatGPT API.

Any-to-Many Voice Conversion Application

mongo, express, node, socket.io

- Developed an innovative Voice Conversion Application as the focus of my BS thesis, utilizing advanced machine learning models.
- Employed a robust technology stack and audio processing techniques to create a comprehensive voice conversion solution.

Jpotify

java

- Developed a Java application that replicates the functionality of the popular music streaming platform Spotify.

UbuntuOS Portfolio

javascript, nextjs, tailwindcss

- Created a distinctive personal portfolio website with an Ubuntu 20.04 theme.

FooFle

javascript, nodejs, sql, mariadb

- Developed a robust email service for effective database design and management.

EDUCATION

MASc. Computer Engineering
Concordia University

📅 2022-Present

BSc. Computer Engineering
Amirkabir University of Technology (Tehran Polytechnic)

📅 2017-2022

SKILLS

C/C++ · Python · JavaScript · TypeScript · Java · Kotlin · HTML · CSS · SQL · JQuery · Django · Django-ninja · Nodejs · ExpressJs · React · NextJs · MongoDB · PostgreSQL · SQlite · Google Cloud · Google App Engine · Docker · Kubernetes · AWS · Scrum · DevOps · CI/CD · SSO · Software Architecture · Design Pattern · MVC · Microservices · Jira · SOCKET · REST · Git

LANGUAGES

English(IELTS 7), French(A1), Persian(Farsi)