## Ali **Avani** Full Stack Developer | System Administrator

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Born in Semnan, Iran on November 23rd, 1999. I bring a wealth of experience as a skilled Fullstack Developer and Computer Scientist, with a specialized focus on back-end development. My enthusiasm for staying updated with emerging technologies drives me to continually enhance workflows and elevate project standards.

# **Y** Competencies

Personal Skills Innovation, Creativity, Problem Solving, Time management, Team leadership, Fast Learner

Python, JS/ES, TypeScript, C/C++, Java, Go, GraphQL, Bash **Programming Languages** 

> Django, Flask, Celery, Bootstrap, Semantic UI, Fomantic-UI, HTMX, Alpine.js, Node.js, Frameworks

React/React Native, Next.is, Angular, Ionic, MUI, Ant Design, Express.is, Three.is, Spring Boot,

WordPress

**DBMS** Microsoft SQL Server, MongoDB, PostgreSQL, MySQL/MariaDB, Redis

Visual Studio Code, Git, GitLab, Docker **Development Tools** 

3D Modeling Blender

Operating systems Ubuntu Server/Desktop, Arch Linux, Windows

> ETFX, Embedded/IoT, Software Architecture, ICDL, LPIC 1 & 2, Nginx, CoCalc, Moodle, BigBlue-Others

Button, DaVinci Resolve, Adobe Photoshop, Google Sheets, MikroTik, Machine and Deep Lear-

ning



## WORK EXPERIENCE

#### February 2024

## WordPress Developer, & Al Ark, San Francisco, United States

- > Developed a WordPress website for the landing pages of Al Ark application
- > Created custom template with Elementor
- > Optimized website performance using LiteSpeed web server technology

Linux WordPress MySQL Elementor

#### August 2022

## Technical Lead, Web Developer & DevOps, & Hummers Leasing and & Hummers Broker, Tehran, Iran

#### Present

- ➤ Implemented automation scripts for DevOps processes
- > Implemented enterprise-level leasing management web software using Django framework for backend and Bootstrap and HTMX for frontend
- > Collaborated on production, emphasizing intuitive UI/UX
- > Maintained server infrastructure to ensure optimal performance and reliability

Linux | Django | Bootstrap | HTMX | PostgreSQL | Redis | Selenium | CoCalc | Moodle | GitLab | LETEX |

#### July 2022

## WordPress Developer, & Al BEES, San Francisco, United States

- > Developed a WordPress website for the landing pages of AI bees application
- > Created custom template with Elementor
- > Optimized website performance using LiteSpeed web server technology

Linux WordPress MySQL Elementor

#### May 2022 Present

## Web Developer & DevOps, TEXREADY, Tehran, Iran

> Developed web software for compiling and editing ETFX documents, with a backend powered by Node.js and Go, and a frontend utilizing both Angular and React frameworks

Linux Node.js Go React Angular MongoDB GitLab ETFX

### February 2022 Present

## Technical Lead, Web Developer & DevOps, O CONNECT ISTI, Tehran, Iran

- > Developed web software with Django, managed Linux servers, and established continuous delivery pipeline and data backup protocols
- > Implemented automation scripts for DevOps processes
- > Maintained server infrastructure to ensure optimal performance and reliability
- > Collaborated on production, emphasizing intuitive UI/UX
- Upgraded technologies and UI frameworks to enhance performance and user experience
- > Improved performance, query speed, and security measures to optimize system functionality

Linux | Django | HTML5 | JS | Semantic UI | Fomantic-UI | PostgreSQ | RedisL | GitLab | GitLab CI/CD |

#### February 2022 Present

## Technical Lead & Web Developer, EINSTEINO, Berlin, Germany

- > Developing an AI assistant project for clinic appointments to streamline scheduling and improve patient experience
- > Collaborated on production, emphasizing intuitive UI/UX
- ➤ Developed backend API using Spring Boot framework
- > Implemented front-end using Next.js framework

Linux Java Spring Boot MySQL Next.js MUI Ant Design GitLab GitLab CI/CD

#### February 2022 | Front-end Developer, RASA Co., Semnan, Iran

- > Developed company's main website with 3D animation and interactivity using React and Three.js
- > Collaborated on production design, emphasizing intuitive UI/UX
- > Proficient in creating 3D models using Blender

Linux React Three.js Git Blender

#### December 2021

### WordPress Developer, SEMNANRS, Semnan, Iran

> Created WordPress website facilitating online course and presentation with BigBlueButton

Linux WordPress MySQL BigBlueButton

#### July 2021

#### Technical Lead & Web Developer, Rawвоом, Semnan, Iran

- > Founded and directed startup
- > Led project as both owner and manager, overseeing its development from inception to completion
- > Designed and developed a web application with online templates for creating and editing slides and
- > Implemented Django backend with PostgreSQL database, JWT authentication and Docker deployment via CI/CD pipeline
- > Provided UI/UX expertise and developed using React and Ionic
- ➤ Managed essential IT infrastructure

Linux Docker React Ionic Python Django PostgreSQL Redis GitLab GitLab CI/CD

#### May 2021

#### Front-end & Embedded Developer, SMART THERMOSTAT, Semnan, Iran

- > Collaborated on board design initiatives, fostering innovation and efficiency
- > Specialized in embedded development using C language for ESP32 microcontroller unit
- > Collaborated on production and device design, emphasizing intuitive UI/UX
- > Developed cross-platform Android and iOS applications using React Native framework

ESP32 C React Native MongoDB

#### October 2020

## WordPress Developer, • ARAJGROUP, Tehran, Iran

> Created WordPress website facilitating online course purchases and certificate export functionality

WordPress MySQL

#### January 2020

#### Technical Lead & Web Developer, SDMS, Semnan, Iran

- > Led project as both owner and manager, overseeing its development from inception to completion
- > Designed and developed a web application for statistics, managing big data and generating dynamic reports and forms
- > Implemented Diango backend with PostgreSQL database, JWT authentication and Docker deployment via CI/CD pipeline
- > Provided UI/UX expertise and developed using React
- ➤ Managed essential IT infrastructure

Linux Docker React MUI Python Django PostgreSQL Redis GitLab GitLab CI/CD

#### September 2019

#### Technical Lead & Web Developer, DITO, Semnan, Iran

- > Founded and directed startup
- Led project as both owner and manager, overseeing its development from inception to completion
- Developed a comprehensive online course management platform featuring web-based teaching tools and presentation capabilities
- > Implemented Diango backend with PostgreSQL database, JWT authentication and Docker deployment via CI/CD pipeline
- ➤ Provided UI/UX expertise and developed using React
- > Managed essential IT infrastructure

Linux Docker React MUI Python Django PostgreSQL Redis GitLab GitLab CI/CD

#### September 2019

#### Technical Lead & Web Developer, RACK MANAGEMENT SYSTEM, Semnan, Iran

- Developed a web application to communicate with security devices for managing racks within data centers
- ➤ Designed application UI
- Coordinated team tasks efficiently using GitLab
- ➤ Managed essential IT infrastructure
- > Developed and implemented key functionalities for embedded devices using C programming lan-

Linux Docker Mikrotik Node.js Socket.IO Semantic UI C MongoDB Redis

#### May 2018

#### WordPress Developer, Kazmaa, Semnan, Iran

- > Implemented WordPress website design for purchasing online courses
- > UI Design
- > Video editing
- > Developed needed plugins
- > Implemented video encryption with password-protected access for each purchase

WordPress PHP Bootstrap

#### June 2017

#### September 2017

#### IT Technician, Рауа Sysтем, Semnan, Iran

- Setup and maintained networking infrastructure
- ➤ Managed cabling infrastructure
- > Maintained network devices

Mikrotik

### June 2016 September 2016

## Technical Support, SHEED SOFT, Semnan, Iran

> Customer service & Technical support

Support



## **EDUCATION**

#### September 2018

## Semnan University, SEMNAN, IRAN

Present

> Bachelor of Computer Engineering

# March 2013

#### Shokouh-E-Danesh Language Institute, SEMNAN, IRAN

March 2018

➤ Achieved proficiency levels from A0 to C1

➤ English Teaching Degree



## November 2021 | World Skill, Country Stage, Mashhad, Iran

> 7th Place in Programming & Web Development Skills in Iran

## November 2017 | World Skill, Provincial Stage, Semnan, Iran

> First place in IT Software Solutions for Business major in Semnan province.

## A Z LANGUAGES

