Saman **Zand Haghigh**
Full Stack Developer

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✉ samanzandh@gmail.com 📞 +12526289199 📞 +989226761449 💼 saman-zand-h 🌐 samanznd.com
🏠 Vancouver, British Columbia, Canada

About Me:
A passionate and results-oriented Full Stack Developer with expertise in back-end technologies. Committed to continuous learning and leveraging cutting-edge tools and frameworks to deliver high-quality, scalable solutions. Adept at optimizing workflows, staying ahead of emerging trends, and elevating project standards through innovation. Proven ability to collaborate effectively within multicultural teams, contributing valuable insights and fostering a positive work environment. Eager to bring technical excellence and a drive for innovation to contribute meaningfully to potential employers in the Canadian tech landscape.

Work Experience:

Backend Developer
May 2017 - Sep 2031

Hi, Mariehamn, Mariehamns Stad, Aland Islands

- Backend Developer

Technical Lead & Founding Team Member
Aug 2024 - Present

Canada Prime Jobs (Cpj), Vancouver, Canada

- Spearheaded the design and architecture of the software system using Django and GraphQL for seamless scalability and performance.
- Automated the Google Cloud CI/CD pipeline from scratch, streamlining deployment processes and ensuring efficient project delivery.
- Designed new pub/sub systems for better performance on Django, along with multi-container processes to optimize resource management.
- Led the UX/UI design process, providing strategic advice to enhance user experience and interface design for various web applications.
- Developed a notification system for managing campaigns, allowing efficient communication and tracking for marketing efforts.
- Worked on React and Vite projects, using Next UI and Apollo Client to improve front-end performance and data handling.
- Created a WordPress website to manage the academy, fully integrated with Django for a unified system.
- Deployed cloud infrastructure using Terraform, managing PostgreSQL, Django, Redis, load balancers, storage, and other necessary services in Google Cloud, following a fully cloud-native approach.
- Integrated AI-based processing using ChatGPT and Vertex AI to enhance various business processes and optimize decision-making.

Wordpress Developer
Jun 2024 - Jun 2024

Corpgenius, San Francisco, United States

- Developed landing pages for the CorpGenius application using WordPress
- Built custom dynamic theme with Elementor for enhanced user experience
- Optimized website performance using LiteSpeed web server

Wordpress Developer
May 2024 - May 2024

Araj Institute, Tehran, Iran

- Redesigned website theme to improve online course purchasing and certificate export functionality

Devops Engineer
May 2024 - Jul 2024

Tasmim Asset Management, Tehran, Iran

- Led the DevOps team to achieve key strategic goals and initiatives
- Designed and optimized IT infrastructure for peak performance and reliability
- Implemented automation scripts to streamline DevOps processes

Wordpress Developer
Feb 2024 - Feb 2024

Ai Ark, San Francisco, United States

- Developed landing pages for the AI Ark application with WordPress
- Created dynamic themes using Elementor to improve site usability
- Enhanced website performance with LiteSpeed web server technology

Irani Badbakht
Dec 2020 - Present

15, 10 De Abril, Guerrero, Mexico

- Irani Badbakht

Technical Lead, Web Developer & Devops Engineer
Aug 2022 - Present

Hummers Leasing & Hummers Broker, Tehran, Iran

- Led development of enterprise-level leasing management software with Django and Bootstrap
- Optimized UI/UX for improved user experience and productivity
- Streamlined DevOps processes with automation and optimized server infrastructure

Web Developer, Systems Analyst & Devops
May 2022 - Present

Texready, Tehran, Iran

- Developed a web platform for compiling and editing TEX documents using Node.js, Go, Angular, and React
- Provided system architecture analysis and detailed task descriptions as Systems Analyst

Technical Lead & Web Developer
Feb 2022 - Present

Einsteino, Berlin, Germany

- Developed an AI assistant project to streamline clinic appointment scheduling
- Created backend API using Spring Boot and frontend with Next.js
- Focused on intuitive UI/UX design to enhance patient experience

Technical Lead, Web Developer & Devops
Feb 2022 - Present

Connect Isti, Tehran, Iran

- Spearheaded the development of web applications using Django, ensuring efficient backend architecture and performance optimization
- Managed and optimized Linux-based server infrastructure, ensuring high availability, scalability, and security
- Established continuous delivery pipelines and automated deployment workflows using GitLab CI/CD, streamlining the development lifecycle
- Implemented robust data backup protocols to safeguard critical business data
- Enhanced UI/UX by upgrading frontend technologies, improving user experience and performance
- Optimized database queries and system performance, significantly reducing response times and improving overall system reliability

Wordpress Developer
Jul 2022 - Jul 2022

Ai Bees, San Francisco, United States

- Developed landing pages for AI bees application with WordPress
- Customized templates with Elementor for dynamic content presentation
- Improved website performance using LiteSpeed web server

Front-End Developer
Feb 2022 - Feb 2022

Rasa Co., Semnan, Iran

- Developed the company's main website with interactive 3D animation using React and Three.js
- Focused on UI/UX design for seamless user interaction
- Created 3D models using Blender for website integration

Wordpress Developer
Dec 2021 - Dec 2021

Semnanrs, Semnan, Iran

- Created WordPress website for online courses and presentation using BigBlueButton

Technical Lead & Web Developer
Jul 2021 - Jul 2021

Rawboom, Semnan, Iran

- Founded and led a startup, overseeing development from inception to completion
- Designed and developed a web application for creating and editing slides and images
- Implemented Django backend, PostgreSQL database, JWT authentication, and Docker deployment
- Developed UI/UX with React and Ionic

Front-End & Embedded Developer
May 2021 - May 2021

Smart Thermostat, Semnan, Iran

- Collaborated on board design and development for embedded systems (ESP32)
- Developed cross-platform mobile apps using React Native
- Focused on intuitive UI/UX for smart thermostat applications

Wordpress Developer
Oct 2020 - Oct 2020

Arajgroup, Tehran, Iran

- Developed WordPress website for online course purchases and certificate exports

Technical Lead & Web Developer
Jan 2020 - Jan 2020

Sdms, Semnan, Iran

- Led the design and development of a web application for managing big data and generating dynamic reports
- Developed Django backend, PostgreSQL database, JWT authentication, and Docker deployment
- Built UI/UX using React and managed IT infrastructure

Technical Lead & Web Developer
Sep 2019 - Sep 2019

Rack Management System, Semnan, Iran

- Developed web application for managing racks within data centers using Node.js and Socket.IO
- Designed and implemented application UI
- Developed key functionalities for embedded devices in C

Technical Lead & Web Developer
Sep 2019 - Sep 2019

Dito, Semnan, Iran

- Founded and managed a startup, overseeing its full lifecycle
- Developed an online course management platform with Django and React
- Implemented JWT authentication, Docker deployment, and CI/CD pipeline

Wordpress Developer
May 2018 - May 2018

Kazmaa, Semnan, Iran

- Designed and developed WordPress website for online course purchases
- Created custom plugins and video encryption for password-protected content

It Technician
Jun 2017 - Sep 2017

Paya System, Semnan, Iran

- Managed and maintained networking and cabling infrastructure
- Provided technical support for network devices

Technical Support
Jun 2016 - Sep 2016

Sheed Soft, Semnan, Iran

- Provided customer service and technical support for software solutions

Certifications:
- **2005**   Toefl (Overall 9.0, Listening 9.0, Writing 9.0, Reading 9.0, Speaking 9.0)
- **2009**   Ielts (Overall 9.0, Listening 9.0, Writing 9.0, Reading 9.0, Speaking 9.0)
- **2014**   Data Science Specialization Certificate

Educations:

Bachelor Of Computer Engineering
Sep 2018 - Present

Semnan University, Semnan, Iran

Shokouh-E-Danesh Language Institute
Mar 2013 - Mar 2018

Shokouh-E-Danesh Language Institute, Semnan, Iran

Diploma
Jan 2025 - Present

Ciudad Del Carmen Branch

Additional Sections:
- Languages: French, Chinese (Simplified), Chinese (Traditional), Urdu
- Skills: Python, Backend, Django, Programming, Labview