S. Ali Hosseini
AI Engineer and Software Developer

SUMMARY

I am a results-driven Solution Architect and AI Engineer with a robust background in software development. I specialize in designing and implementing innovative solutions across various domains, showcasing skills in a range of programming languages, frameworks, and technologies. Additionally, I am adept at leading development teams and delivering high-quality projects.

SKILLS

Languages: Node.js, PHP, Python, Rust
Frameworks: Express, Laravel, Flask, Hyper
Frontend: HTML, CSS, JavaScript, React
Database: MySQL, PostgreSQL, MongoDB, Redis
ML: PyTorch, Sci-kit
DevOps: GNU/Linux, CI/CD, Docker, Heroku, OpenStack
Platforms: Kafka, Cassandra
Hardware: Arduino + Modules, Raspberry pi
Other: Git, OOP, TDD, Clean Code, REST, Agile, Scrum

SOME PROJECTS

- **MegaBackup:** Cloud Storage and Backup Systems
  - Role: Software Developer
  - Year: 2015
  - Description: Developing a secure and efficient cloud storage and backup system, ensuring robust data storage solutions for users.

- **vBulletin Security Hardening**
  - Role: Security Specialist
  - Year: 2015
  - Description: Security hardening for vBulletin forums, vulnerability mitigation, and implementation of resilient security measures.

- **WordPress Security Hardening**
  - Role: Security Specialist
  - Year: 2015 - Present
  - Description: Perpetually enhancing the security of WordPress websites with regular audits, proactive vulnerability management, and the implementation of robust security protocols.

- **WordPress Plugin and Theme Development**
  - Role: WordPress Developer
  - Year: 2015 - Present
  - Description: Continuously developing custom WordPress plugins and themes, incorporating innovative features, optimizing code, and ensuring compatibility with the latest WordPress versions.

EDUCATION

Sep 2020 – Aug 2023
Master of Science in Artificial Intelligence Engineering, IAUM

Sep 2015 – Aug 2019
Bachelor of Science in Computer Engineering – IT Field, IAUM

EXPERIENCE

Sep 2015 – Dec 2020
Software Developer: NikanTech
Web Developer (Sep 2015 – Jun 2016)
Mobile Developer (Jun 2016 – Aug 2017)
DevOps (Aug 2017 – Nov 2019)
Full Stack Developer (Nov 2019 – Dec 2020)

May 2018 – Jun 2019
Senior Developer: Sympad
Medical LMS Development

Jun 2019 – Aug 2020
Senior Developer: IAUM
Web Development in FIAUM

Aug 2020 – Present
Solution Architect: Freelancer
Working on interesting projects

INTERESTS

Continuous **learning**
Collaborating with **teams**
Creative **problem-solving**
Effective **communication**
User-centered **design**

LANGUAGES

Persian (Native)
English (Reading, Writing, Improving)

LINKS

Website: alih.net
Email: mail@alih.net

- **Linux Server Configuration**
  - Role: System Administrator
  - Year: 2015 - Present
  - Description: Ongoing configuration and optimization of Linux servers to meet performance and security requirements, ensuring a resilient and efficient server infrastructure .

- **AKDL:** Humidity and Temperature Data Logger for Hospitals
  - Role: Full-Stack Developer
  - Year: 2017
  - Description: Developed a data logger system for monitoring humidity and temperature in hospitals, ensuring compliance with regulatory standards.

- **Sympad:** Medical Learning Management System
  - Role: Solution Architect
  - Year: 2017
  - Description: Architected a learning management system tailored for medical education, providing a structured and interactive learning experience for students.

- **EMeter:** Smart Electricity Meter
  - Role: Solution Architect
  - Year: 2018
  - Description: Developing a smart electricity meter, optimizing energy consumption, and providing real-time data for users.

- **Arziness:** Trading Platform
  - Role: Solution Architect
  - Year: 2018
  - Description: Contributed to the development of a trading platform, ensuring a reliable and secure environment for financial transactions.

- **Healthstudio:** Hospital Studio for Medical Students
  - Role: Solution Architect
  - Year: 2019
  - Description: Designed a virtual hospital studio for medical students, providing a realistic learning environment and interactive medical class rooms.

- **SubScrapper:** Subtitle Provider Scrapping Services
  - Role: Software Developer
  - Year: 2020
  - Description: Implemented AI algorithms to scrape and provide accurate subtitles for multimedia content, enhancing accessibility and user experience.

- **Rpth:** Telephoto Studio System
  - Role: Full-Stack Developer
  - Year: 2020

- - Description: Developed a telephoto studio system, integrating technology for remote photography sessions and collaborative editing.

- **Arziness:** P2P Cryptocurrency Exchange
  - Role: Solution Architect
  - Year: 2020
  - Description: Architected a peer-to-peer cryptocurrency exchange platform, focusing on security, scalability, and seamless transaction processing.

- **TelegramTools:** API-based Services on Telegram
  - Role: Solution Architect
  - Year: 2022
  - Description: Architected API-based services on the Telegram platform, enhancing communication and functionality for users.

- **Lsfm:** LSTM Techniques for Financial Markets Time Series
  - Role: AI Engineer
  - Year: 2022
  - Description: Applied Long Short-Term Memory (LSTM) techniques for analyzing financial markets time series data, enhancing predictive modeling and decision-making.

- **SmartCandle:** Quantitative Analytics on Financial Markets
  - Role: Solution Architect
  - Year: 2023
  - Description: A platform for quantitative analytics on financial markets, leveraging data science and analytics to inform trading strategies.

- **Finno:** Algorithmic Trading Strategies
  - Role: Full-Stack Developer
  - Year: 2023
  - Description: Developed algorithmic trading strategies, incorporating technological solutions to optimize financial trading and investment decisions.