Parsa Momeni
Full Stack & AI Developer

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🪪 CAREER OBJECTIVE

Software and AI Engineer with proven expertise in development, algorithm optimization, and software quality control. Proficient in designing, deploying, and maintaining applications, with strong skills in programming and debugging complex systems. Experienced in collaborating with cross-functional teams to implement change management strategies and drive operational improvements focused on delivering efficient code and maintaining technical documentation to align solutions with client requirements.

🏅 AWARDS

Silver Medal
Swiss AI Invention Challenge 2025
08/2025
recognized by the International Federation of Inventors' Associations (IFIA) for the invention 'Smart Shopping Cart,' an AI-powered retail system using facial recognition and real-time data processing. Selected among the top global entries for innovation in AI and user-centric design

💼 PROFESSIONAL EXPERIENCE

A) AI Developer and Analyzer
Aiolearn academy
04/2022 – Present | Tehran, Iran

Deep Learning Projects
- AI Researcher – Age Estimation via Facial Recognition: Developed and optimized a CNN model to predict age from facial features, with real-time inference.
- Computer Vision Engineer – Image Classification with CNN: Processed and classified 60,000+ images using deep learning, data augmentation, and performance tuning.
- Data Scientist – Numerical Data Generation with GAN: Trained GANs to generate synthetic numerical datasets, validating output with statistical similarity metrics.

Machine Learning Projects
- ML Engineer – Fuel Consumption Prediction: Built a Linear Regression model to estimate vehicle fuel efficiency based on engine and usage data.
- Data Analyst – Number Classification: Applied Logistic Regression to classify numerical inputs with high accuracy across multiple categories.
- ML Researcher – Breast Cancer Diagnosis: Used clustering algorithms to support early-stage cancer detection and pattern recognition in medical datasets.

Data Scientist
- Data Scientist – Insurance Fraud Detection Models: Designed and deployed four AI models to detect fraudulent insurance claims, enhancing risk analysis and fraud prevention accuracy.

AI-Powered API
- Computer Vision Engineer – Image & Video Processing: Applied OpenCV for advanced image and video analysis, including transformation, filtering, and object detection.
- AI Developer – Facial & Voice Recognition System: Built an authentication system using face-recognition and PyAudio, integrating real-time tracking and biometric verification

B) Full Stack Web Developer
Aiolearn academy
04/2022 – 12/2024 | Tehran, Iran

Web and software developer in:
- Full-Stack Developer – Social Media Web Application: Built an interactive platform using Ionic, Angular, and PHP stack, enabling real-time user engagement and content sharing.
- Web Developer – E-Commerce Platform: Developed a responsive web app for trading currencies, gold, and digital assets with secure transaction flow.
- Backend Developer – GPS Online Tracker: Created a real-time location tracking system with PHP and SQL, integrating live map updates and user monitoring.

🧠 TECHNICAL SKILLS

- Python
- TensorFlow, PyTorch
- Scikit-learn, OpenCV
- Pandas, Seaborn
- SciPy, NumPy
- HTML, CSS
- PHP, SQL
- React, Angular
- Ionic, Django
- JavaScript
- C, C++, C#

🌐 LANGUAGES

English
TOEFL iBT 24/8/2023
Reading 28/30, listening 30/30
Speaking 22/30, writing 29/30
Overall: 109/120

German
TU Clausthal, 03/07/2015
Oral: 3,0
Written: 3.7
Overall: 3.3

Spanish

Persian

- Chatbot Engineer – Online AI Chatbot: Implemented an AI-powered chatbot for instant messaging, combining NLP logic with PHP and JavaScript frontend.

C) Host Affairs Management
at iSon International team company
11/2018 – 09/2021 | Hannover
DevOps Engineer – System Optimization & Server Management
- Delivered full-cycle software development, testing, and optimization services to enhance system performance.
- Managed WHMCS servers with a focus on uptime, reliability, and resource efficiency.
- Monitored and maintained system operations to ensure continuous functionality and scalability.

D) Software Development & Data Management
at Dibagaran company
06/2013 – 05/2017 | Sari, Iran
Software Developer – C#.NET & SQL Systems
- Designed and implemented performance-optimized software solutions using C#.NET.
- Managed and updated SQL databases to ensure data accuracy, integrity, and security.

🗄 CERTIFICATES

Certified IFIA "Inv" Member (International Federation of Inventors' Associations)
Awarded the honorary title "Inv" by the International Federation of Inventors' Associations (IFIA) in recognition of meeting the federation's criteria for innovation and inventorship.

🎓 EDUCATION

Master of Project, Artificial Intelligence and Web Developing
Aiolearn Academy
08/2021 – 11/2023 | Tehran, Iran
Final Project: Led development of an online app across Web, AI, and Marketing teams. Won 1st place among 10 projects for technical and leadership excellence.

Bachelor of Science, Software Engineering
Iran University of Science And Technology
09/2008 – 03/2012 | Tehran, Iran
Final Project: Software Developer & Project Manager; Led the development of an online application, optimizing performance and usability, and demonstrating strong technical execution and leadership.