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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.

SKILLS

- Python and SQL
- PHP and JavaScript
- Angular and Ionic frameworks
- HTML and CSS
- C, C++, and C#
- Bootstrap and modern frameworks
- Microsoft Office proficiency
- Data structure analysis
- Machine Learning and AI
- Pattern detection techniques
- Model design for ML

Parsa Momeni

EXPERIENCE

April 2022 - Current

Web Developer at Aiolearn team academy | Tehran, Iran

Web Development Projects

- Social Media Web Application – Designed and programmed an interactive platform with Ionic, Angular, SQL, PHP, and JavaScript for user engagement.
- E-Commerce Platform – Developed a web app for buying and selling currencies, gold, and digital assets, using HTML, CSS, and JavaScript.
- GPS Online Tracker – Created a tracking system with PHP, SQL, HTML, CSS, and JavaScript for real-time location monitoring.
- Online Chatbot – Implemented an AI-powered chatbot using PHP, SQL, HTML, CSS, and JavaScript for instant messaging capabilities.
- Developed a dynamic web application with PHP, SQL, HTML, CSS, and JavaScript, enabling user registration, login, file uploads, and content management with add, edit, and delete functionalities.

April 2022 - Current

AI Programmer and Analyzer at Aiolearn team academy | Tehran, Iran

Deep Learning Projects

- Age Estimation via Facial Recognition – Developed an AI model for predicting age based on facial features.
- Image Classification with CNN – Processed & analyzed a dataset of 60,000 images using deep learning techniques.
- Cryptocurrency Price Forecasting – Built a predictive model using LSTM networks to analyze financial market trends.
- Emotion Detection using NLP & RNN – Designed a system to analyze sentiment in text-based communication.
- Breast Cancer Diagnosis with Clustering – Implemented machine learning algorithms to aid in medical diagnostics.
- Generating numerical data using Generative Adversarial Networks (GAN).

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Machine Learning Projects

- Fuel Consumption Prediction – Built a Linear Regression model to forecast vehicle fuel efficiency.
- Identify numbers using classification through a Logistic Regression Model.
- Breast Cancer Diagnosis – Implemented clustering techniques to support medical diagnostics.

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Data Science & AI Projects

- Insurance Fraud Detection Models – Designed and built four advanced AI models to identify fraudulent claims, improving risk assessment and fraud prevention.

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AI-Powered API Projects

- Front-end and back-end development
- Integrated development environments (IDEs)
- Web application development
- User-friendly design principles
- Maintainable code practices
- User experience strategies

LANGUAGES

English	German
Spanish	Persian

REFERENCES

Available upon request

- Image & Video Processing – Applied OpenCV for advanced analysis and transformation of visual data.
- Facial & Voice Recognition System – Developed AI-driven tracking & authentication using PyAudio, pyautogui, and face-recognition libraries.
- Perform image and video processing using OpenCV.

November 2018 - September 2021

Host Affairs Management at iSon International team company |
Hannover, Germany

- Delivered software development, testing, and optimization services to enhance system capabilities.
- Managed WHMCS servers, focusing on performance improvements and reliability.
- Oversaw system operations to ensure optimal functionality and efficiency.

June 2013 - May 2017

Software Development & Data Management at Dibagaran company |
Sari, Iran

- C#.NET Development – Designed and implemented new software solutions to optimize system performance.
- SQL Database Management – Maintained and updated customer data, ensuring accuracy and security.
- collaboration with data maintaining manager

EDUCATION

October 2023

M. Pr. | Artificial Intelligence and Web Developing
Aioplearn Academy, Tehran, Iran

Final Project: Software Developer & Project Manager

Led the development and integration of an online application, working with Web, AI, and Marketing teams to ensure performance and usability.

Achieved first place in a competition among ten projects, showcasing strong technical and leadership skills.

March 2012

B. Sc. | Software Engineering

Iran University of Science And Technology, Iran

Final Project: Software Developer & Project Manager

Led the development of an online application, collaborating with Web, AI, and Marketing teams to optimize performance and usability. Secured first place in a competition among ten projects, demonstrating strong technical execution and leadership.

ENGINEERING SKILLS

Development and programming languages


Creates, designs and deploys or update application

Maintaining and debugging programs

Monitoring and troubleshooting algorithm process

Process and software quality control experience

Collaborating with other team members, including software tester and

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quality assurance analysts

Build clean and efficient code based on user need