Parsa Pourghasemi

Computer Science Student & Junior Backend Developer

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📍 Tehran, Iran   🗓 2004/04/25   🔗 Parsa Pourghasemi

🔗 ParsaPG

🪪 Profile

I am a computer science student with a strong passion for learning and continuous growth. I work as a backend developer at an international freight forwarding company, where I develop and maintain the company's platform, add new features, and collaborate with cross-functional teams to ensure smooth operations. I have a solid academic foundation, with particular interests in algorithms, data mining, and theory of computation. I am adaptable, a good team player, and eager to expand my technical skills through hands-on projects and real-world problem-solving.

💼 Professional Experience

Junior Backend Developer   03/2025 – Present
Lian Visman International Freight Forwarding Company   Tehran, Iran
- Maintained and supported backend systems to ensure smooth operations.
- Added new features based on team and client requirements.
- Collaborated with team members to improve performance and troubleshoot issues.

Iranian National Olympiad in Informatics   06/2019 – 05/2021
     Karaj, Iran
Studied algorithm design and problem solving using the C++ programming language in preparation for the Iranian National Olympiad in Informatics. Regularly participated in contests and practice rounds to improve speed and accuracy in solving competitive problems. Developed strong foundations in combinatorics and graph theory through consistent practice and exploration of advanced problem-solving techniques.

📁 Projects

Automated Data Extraction from Non-Uniform Documents
Developed a data extraction and transformation pipeline to process a set of non-uniform document images. Utilized a Large Language Model (LLM) to extract structured information such as names, contact details, and company data, and converted the results into an organized Excel dataset. The project involved preprocessing images for optimal OCR performance, integrating LLM-based parsing, and automating data export to spreadsheet format for analysis.

Internal Employee Data Management and Monitoring Platform
Designed and developed a web-based platform for company employees to record and update operational data. Implemented role-based access control, allowing managers to monitor employee inputs, track progress, and generate performance reports. The system included secure authentication, data validation, and an intuitive user interface to streamline internal workflows and improve data accuracy.

♟ Volunteer

Teaching Assistant – Advanced Programming in Python   01/2025 – 05/2025
Amirkabir University   Tehran, Iran
- Assisted the course instructor in preparing and delivering lessons on advanced Python programming concepts.
- Provided summaries of modern and practical Python topics to help students connect theory with real-world applications.
- Guided students through coding exercises, debugging, and problem-solving.

🎓 Education

Amirkabir University   09/2022 – Present
Bachelor's Degree in Computer Science   Tehran, Iran

Shahid Soltani3 School   06/2022
Diploma in Mathematics and Physics

🧠 Skills

Django • MySql • Database Design • Git • Data Mining •

Object-Oriented Programming • Object Oriented Design • Linux • Linear Algebra •

Machine Learning Algorithms • Algorithm Design • Data Structures