Ali Tasbihi

Marine Engineer and Software Developer

Profile Summary

A highly experienced and innovative marine engineer with a strong background in software development and independent research.
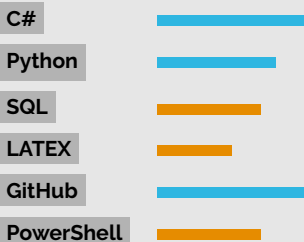
Contact Information

Tehran, Iran

@ Personal Email

@ Working Email

github

G Active Research

Areas of Specialization

- Database designer
- Data Scientist
- FEA Researcher

Software Skills

C#

Python

SQL

LATEX

GitHub

PowerShell

WORK SUMMARY

April 2021 - September 2024	**ICS(Iranina Classification Society)** IT SPECIALIST AND COMPUTER PROGRAMMER · Tehran, Iran ⚲ C# developer focused on back-end development, experienced in designing and implementing Windows Services. Familiar with Entity Framework and SQL Server, with practical skills in database design and query writing. Also has some experience in networking and hardware
September 2024 - Present	**ICS(Iranina Classification Society)** R&D · Tehran, Iran ⚲ R&D Engineer with experience in conducting industrial research projects by leveraging programming knowledge and data analysis skills. Proficient in Python and involved in technical writing, including research paper development. Passionate about combining software and science to drive innovation and solve real-world engineering problems.

EDUCATION

2019 - 2024	**Bachelor of Naval Architecture and Marine Engineering** AMIRKABIR UNIVERSITY OF TECHNOLOGY - TEHRAN POLYTECHNIC · 🏛 Thesis: Investigating the process of bending plates by linear heating method in shipbuilding.,Advisor: Ashkan Babazadeh

PROJECTS

FRS – File Retrieval System
Designed and implemented a secure file access system that restricts user access to organizational documents based on their predefined authorization levels.

I-Fleet System Maintenance
Performed regular maintenance on the I-Fleet system internal fleet management platform used for monitoring vessels and handling personnel operations. Tasks included supporting new feature deployments to enhance efficiency for both vessel management and employee workflows.

Email Analysis for Malicious and Spam Detection for MailEnable
Performed comprehensive email traffic analysis on the organization's email system, which operates through Mail Enable, to detect and filter out malicious and spam emails. Developed automated systems for identifying phishing attempts, malware, and other potential security threats, ensuring the protection of the organization's communications and preventing misuse.

Network Analysis for Connection
Conducted network analysis to monitor and verify network connections for computers within the organization. Utilized network monitoring tools to identify connectivity issues, track performance, and ensure reliable network access across the system.