Ali-Taabesh Sayyed

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SUMMARY

Software Engineer with over a year of experience, pursuing a Master's in Computer Science at Rice University. Fast learner & problem solver with analytical & interpersonal abilities. Skilled in time management & client collaboration, driving results that surpass expectations.

SKILLS

Technical Skills
- Programming Languages: C, Java, Go (Golang), JavaScript, TypeScript, Python, HTML, CSS, SQL
- Frameworks & Tools: React, Django, Angular, Git, GitHub, N8N (Workflow Automation), Dockers, Kubernetes, Virtual Machines, Google Cloud Platform, Google App Scripts, vim, PostgreSQL
- Development: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Functional Programming, REST APIs
- Other: HTTP Networking, Debugging, Problem-Solving, Analytical Abilities, Agentic Frameworks, AI-Agents

Information Technology
- Operating Systems: Microsoft Windows, Mac OS X & Linux (Ubuntu & Kali)
- Microsoft Office (Word, PowerPoint, Excel), Google Suite (Docs, Slides, Sheets), Adobe (Premier, Photoshop, After Effects)

Communication & Interpersonal
- Excellent communication skills, persuasive messaging, storytelling, active listening, conflict Management Skills
- Team player with a positive attitude, confident self-starter, entrepreneurial and risk-taking ability

EXPERIENCE

Software Engineer- BRAIN AI   Nov 2024 – Present
- Architected and implemented data pipelines using voice AI solutions, reducing manual client processes by ~80%, leveraging our Golang-based microservices.
- Developed automated workflows, frontend interfaces, and built custom testing tools—fully adopted by customer departments.
- Independently mastered complex backend systems, delivered custom automation solutions, and managed direct client communications to ensure satisfaction.

Software Engineer Intern - Legal Pro System   Aug 2024 – Nov 2024
- Worked on full stack development, enabling lawyers to efficiently manage clients, cases, and communications.
- Developed a real-time chat system using Django and Angular, delivering a WhatsApp Web–like user experience and architected to support 1,000+ concurrent users.

Biomedical Nano-Devices Research Assistant/ Biology TA   June 2018 – May 2021
- Conducted experiments and analyzed data for wearable nano-sensor R&D, supporting biomarker detection studies published in peer-reviewed journals.
- Curated content and led engaging Biology classes, recognized by students and faculty as a top-performing TA.

PROJECTS

Developer Portfolio: https://www.alitsayyed.com

Full Stack Freelancer Review Platform
- Built a full-stack web app using Django, Angular, and PostgreSQL to simulate a Trustpilot-like review system. Implemented RESTful APIs and designed scalable database schemas to support user reviews and ratings.

Go RSS Aggregator Backend
- Developed a Go-based backend server featuring user authentication and optimized RSS feed collection, focusing on efficient concurrency and data handling.

Amazon Clone Frontend
- Developed a responsive e-commerce frontend using HTML, CSS, and vanilla JavaScript. Demonstrated deep understanding of DOM manipulation and frontend rendering principles underlying modern frameworks.

Data Structure and Algorithm Implementations
- Created puzzle solver with A* search algorithm, percolation determination with union find, and nearest neighbor search with Kd-Trees.

EDUCATION

Rice University – Master's of Computer Science   August 2025- May 2027
University of Texas at Dallas - B.S. Biochemistry (4.0 GPA Summa Cum Laude)   Aug 2018 - May 2022

AWARDS

Dean's List, Richardson, TX   Aug 2018 – May 2022
- Maintained top 10% GPA in the School of Natural Sciences and Mathematics.

AES Distinction Scholarship, Richardson, TX
- Awarded a full-ride scholarship to high school students with competitive grades.