

# Alessio Naji-Sepasgozar

Houston, Texas • 281-881-5590 • <https://www.linkedin.com/in/alessio-naji> • [alessionaji1@yahoo.com](mailto:alessionaji1@yahoo.com) • <https://www.najialess.io>

---

## PROFESSIONAL SUMMARY:

Full-stack Software Engineer and ML Developer with experience building scalable cloud-native apps and deploying ML models. Skilled in microservices, CI/CD, and cloud platforms like AWS and Azure. Proven leader in cross-functional teams, delivering high-quality code. Seeking a junior software engineering role to apply technical and analytical strengths to real-world solutions.

## TECHNICAL SKILLS:

- **Programming Languages:** C++, Python, Java, C#, SQL, GO, R, JavaScript, TypeScript, HTML, CSS
- **Frameworks:** Django, Flask, .NET, Spring Boot, React, Angular, Node.js, Bootstrap, FastAPI
- **Databases:** Relational Databases, PostgreSQL, MySQL, MongoDB, SQLite
- **ML & Data Science:** Pandas, NumPy, Matplotlib, Seaborn, scikit-learn, TensorFlow, Keras, PyTorch, Natural Language Processing (NLP), Transformers, Exploratory Data Analysis, Statistical Modeling
- **DevOps & Cloud:** Terraform, Linux, AWS, Azure, Kubernetes (K8s), CI/CD, Version Control (Git), Docker
- **Concepts:** Microservices, RESTful API Development, JWT & OAuth2 Authorization, SDLC, Agile, Unit Testing
- **Tools:** Power BI, Tableau, Advanced Microsoft Excel, Shell Scripting, Prompt Engineering
- **Certifications:** AI & LLM Certification (Connectando), Azure Fundamentals, AWS Cloud Practitioner

## PROFESSIONAL EXPERIENCE

### **Leader, Supplemental Instruction, University of Houston–Downtown — Fall 2022–Present**

- **Facilitate** peer-learning sessions for computer-science courses, boosting student retention and comprehension rates.
- **Collaborate** with faculty to develop lesson plans and provide academic support for 30 students per session.

### **StockBest Portfolio — Full-Stack Developer — Java, Spring Boot, Docker, Kubernetes, REST API, AWS**

- **Designed** a microservices-based portfolio management platform using Spring Boot, Docker, and Kubernetes.
- **Created** RESTful APIs for real-time transaction updates and deployed services on cloud infrastructure to ensure scalability and reliability.
- **Implemented** automated CI/CD pipelines using GitHub Actions and Kubernetes deployments.

### **DebateAI — AI Developer & Full-Stack Engineer — React, Python, FastAPI, LangChain, XTTS**

- **Built** an interactive AI debate simulator with React, FastAPI, and LangChain, enabling users to engage with historical and contemporary personas.
- **Developed** a modular backend with FastAPI and voice synthesis to generate character speech and implemented retrieval-augmented generation (RAG) for context-aware responses.
- **Integrated** knowledge grounding and automated transcript summarization to enhance user experience.
- **Deployed** the application with a responsive frontend featuring session history and real-time voice playback.

### **UNKNOWNBALL — Machine-Learning Engineer — Python, Scikit-learn, TensorFlow, Pandas, NumPy**

- **Trained** predictive models using Scikit-learn and TensorFlow to forecast NBA outcomes with 72% accuracy.
- **Engineered** rolling-window features from historical game statistics and performed hyperparameter tuning

### **TrackApply — Full-Stack Developer — C#, Tailwind CSS, .NET Core, Angular, SQLite, JWT**

- **Implemented** a job-application tracking system using C#, ASP.NET Core Web API, Angular and SQLite.
- **Designed** and enforced role-based access control with JWT-based authentication to secure endpoints.
- **Built** a user-friendly dashboard to monitor applications, track statuses and generate analytics reports.

### **T-Mobile, Missouri City, TX — Lead Repair Technician & Sales Team Lead — July 2019–Present**

- **Lead** teams of technicians repairing phone hardware and software issues on an average of 30+ devices daily.
- **Recognized** as Salesperson of the Year (2022) after leveraging data analytics to identify customer trends.
- **Train** and mentor new employees, reducing staff turnover by 46% and improving team productivity.

## EDUCATION:

### **University of Houston – Downtown, Houston, TX**

**Bachelor of Science in Computer Science, Summa Cum Laude — May 2025**

**GPA: 3.83 (Cumulative), 4.0 (Major)**