

Yehya Haj

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PROFESSIONAL PROFILE

Results-driven Full Stack Engineer with 3+ years of experience in financial technology and software development. Adept at building scalable, user-focused solutions that exceed customer expectations while aligning with business goals. Known for a strong work ethic, adaptability, and a commitment to delivering high-quality results.

PROFESSIONAL EXPERIENCE

Fullstack Engineer, SWIFT

November 2021 - Present

- Led migration of GPI GUI from AngularJS to Angular, improving system performance and user experience.
- Developed scalable transactional services for cross-border payments used by 4000+ global financial institutions.
- Collaborated cross-functionally to design and implement system improvements.
- Built high-performance backend services using Java and Spring Boot, ensuring robust and efficient code.
- Implemented automated testing strategies using Jest, reducing deployment risks.

Operations Engineer, Sestra Systems

July 2021 - November 2021

- Designed and coordinated smart dispensing systems for liquor, beer, and condiments.
- Created assembly instructions for new assemblies and updated existing ones.
- Maintained and ensured customer satisfaction with dispensing systems in the field.

PROJECTS

Multi-threaded GetFile Protocol

- Built a multithreaded server that serves files simultaneously to clients.
- The client-server interaction utilizes gRPC interprocess communication to send and request messages.
- Implemented a server-side cache to improve data retrieval efficiency.

Signup/Login Service with JWT Authorization and MongoDB

- Developed a secure user authorization system using JWT, ensuring stateless and scalable security.
- Utilized Bcrypt library for password hashing and authentication, ensuring password protection and security best practices.
- Created routes for user registration, login, and token validation with role-based access control.

SKILLS

Programming Languages: Javascript, Typescript, Java, Python, C, C++

Web Technologies: Angular, React, Spring Boot, Hibernate, HTML, CSS, Node.js, Express

Databases: MongoDB, MySQL, PostgreSQL

Cloud Technologies: AWS, REDHAT OpenShift, Docker, Kubernetes, RESTful API Development

Dev Tools & Methodologies: Jenkins, Ansible, Agile/Scrum, DevOps

EDUCATION

Georgia Institute of Technology, Atlanta, GA

Master of Science in Computer Science, Fall 2025

University of Florida, Gainesville, Gainesville, FL

Bachelor of Science in Mechanical Engineering, May 2021