

# Omar Syed

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## EDUCATION

### University of Central Florida

Orlando, Florida

Computer Science *B.S.*

Expected Graduation *Spring 2027*

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## WORK EXPERIENCE

### Full Stack Software Engineer

AGQ Consulting LLC.

Jan 2024 - Sept. 2024

Hybrid - Lake Mary FL

- Collaborated in a two-person team to develop a **high-quality cross-platform mobile app using Flutter and Firebase**
- **Conceptualized and pitched a portfolio management app**, getting approval and support from managers to start with the project.
- **Led UI design and development**, created **wireframes, prototypes, and high-fidelity mockups** using **Sketch, Figma, and Canva**, ensuring a visually appealing, user-friendly interface that optimized the clients experience
- Worked closely with company managers throughout the process, **continuously gathering feedback** to ensure the app was tailored to their needs, integrating **front-end (Flutter)** and **back-end (TypeScript, Firebase, React)** for a customized user experience
- Implemented **Firebase Cloud Functions** to handle backend logic, ensuring **scalable and real-time data processing**
- **Managed project timelines** and deliverables, **successfully launching the app within the projected timeframe**
- Completed **alpha and beta testing**, ensuring **functionality, security, and user experience were optimized before deployment**.
- Saw a **significant boost in client engagement**, with a **15% increase in new clients** and a **95% retention rate** post launch.
- Saved clients **\$4,000-\$5,000 in annual fees** by optimizing processes and reducing unnecessary costs

### Case Consultant

Morgan & Morgan P.A.

Dec 2022 - July 2023

Longwood, FL

- Delivered empathetic customer service to clients during challenging situations by efficiently handling multiple consultations, **strongly communicated with lawyers, legal staffs**, and other consultants, in a **fast-paced, team-oriented environment**
- **Identified inefficiencies** in consultation processes, including lengthy call times and lack of concise descriptions
- **Successfully designed, developed, and presented a Windows desktop app**, received positive feedback from department managers and an invitation to collaborate with the law firm's **Salesforce development team**

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## PROJECTS

### Personal Website | [Source Code](#)

- Developed a **personal portfolio website** to showcase projects in **software development** using **Bootstrap, HTML, CSS, and JavaScript**
- **Integrated a chatbot** using the **OpenAI API** to make the user feel as if they are speaking to me, with a responsive background video

### Investment Management Mobile App | [Source Code](#)

- **Created a Flutter and Dart application** integrated with a **Firebase backend**, allowing users to **view and manage** their investments, statements, profits, deposits, and withdrawals. Included interactive graph visualizations to present financial data effectively.
- Collaborated with clients to **design a prototype in Figma** ensuring it met their requirements.
- Crafted an **intuitive user interface and user experience** while designing a **NoSQL backend structure on Firebase** to support various application features. **Ensured seamless data handling** and efficient retrieval.
- **Developed an admin portal using TypeScript and React**, connected to the Firebase backend. This portal allows administrators to manage user accounts, oversee financial transactions, and perform backend operations.
- **Developed a secure authentication system for admin users**, enabling them to manage user accounts, **interact with the backend server**, and oversee sensitive application data **using robust access controls**. Additionally, **integrated biometric authentication (e.g., fingerprint and facial recognition)** for end users, enhancing security and providing a seamless, **secure login experience**.

### Description of Incident Maker | [Source Code](#)

- Developed a **Windows Desktop app** for a law firm using **Figma, Visual Studio, and C# in a .NET framework**.
- Designed and implemented **dynamic UI elements** and animations to enhance the user experience, while automating case report generation, resulting in a **reduction of call times by up to 5 minutes**.
- Quickened the report generation process by allowing users to answer multiple-choice questions, **with the app automatically generating detailed case reports based on their responses** reducing manual errors, **making improvements in efficiency**
- **Integrated timers and scripts** to monitor call duration and maintain **QA requirements**, ensuring consistency and compliance throughout the consultation process.
- **Received positive feedback** from department and project managers, and was **invited to collaborate** with the firm's development team on **Salesforce development and integration**.

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## SKILLS

- **Languages:** C, C#, Java, Python, TypeScript, JavaScript, Dart, Swift
- **Frameworks:** React, Flutter, Node.js, WPF, .NET, Bootstrap
- **Tools:** Git, GitHub, Android Studio, XCode, Firebase, VScode, Visual Studio (IDE), Pycharm, Eclipse, Figma, Sketch