

# Amna Sajid

## IT Infrastructure Solutions Architect

US Citizen | East Meadow, NY

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### CAREER OBJECTIVE

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Computer Science graduate with hands-on experience in software development through academic projects and a software engineering internship. Currently pursuing AWS Solutions Architect certification to deepen my expertise in cloud computing. Seeking an opportunity to apply my AWS knowledge, problem-solving skills, and ability to design scalable solutions in the field of cloud computing.

### PROFESSIONAL EXPERIENCE

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**Software Engineering Intern**, Rozafa Consulting LLC.

**June 2023 - Jan 2024**

**Development Stack:** AWS Cognito, DynamoDB, Ansible, Security, Git, CloudWatch

- Collaborated with Solution Architects to analyze functional and technical requirements, ensuring alignment with project goals.
- Presented software designs and solutions to cross-functional teams, ensuring clarity and alignment with business needs.
- Designed and developed a dynamic course catalog using AWS DynamoDB for real-time data storage and synchronization.
- Led the implementation of Multi-Factor Authentication (MFA) to enhance system security and prevent unauthorized access.
- Executed database queries to optimize performance, improving data handling efficiency and system responsiveness.
- Led customer onboarding efforts, providing technical support and guidance to ensure a seamless transition and optimal user experience.
- Delivered prompt technical support during onboarding, enhancing client satisfaction and reducing downtime.

### TECHNICAL SKILLS

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- **Languages:** Java, JavaScript, Python, Kotlin, SQL, HTML, CSS
- **Tools:** Tableau, AWS, Google Analytics, Excel, CRM, SDLC
- **Databases:** Firebase, MongoDB, MS SQL Server, Maria DB
- **Operating Systems:** Windows, iOS, Unix, Mac, Linux, Ubuntu

### PROJECTS

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**Fingloo**

**January 2024 - May 2024**

**Development Stack:** Kotlin, API Integration, Firebase, UI/UX Design, Git

- Developed a trading simulation app for Android, focusing on an intuitive UI/UX design tailored for traders.
- Enabled real-time stock tracking with a personalized watchlist feature, allowing users to add and monitor stocks effortlessly.

- Enhanced portfolio tracking with a color-coded monthly calendar, providing users with quick insights into their performance.
- Improved data synchronization across sessions using Firebase, ensuring a seamless and consistent user experience.
- Boosted app responsiveness and performance by utilizing Kotlin Coroutines for efficient background data fetching.

## **RAM Thrift**

**August 2023 - December 2023**

**Development Stack:** Java, Firebase, JavaFX, NoSQL, Git, Google Firebase Authentication

- Collaborated on creating the Software Requirements Specification (SRS), defining system features and clarifying project scope.
- Led Agile development using MVC architecture, delivering a scalable and maintainable application.
- Designed and integrated Firebase Firestore as the NoSQL database, enabling real-time data synchronization.
- Developed an image upload feature using Firebase Storage, syncing images with Firestore in real time for seamless user experience.
- Implemented Firebase Authentication to secure user access, boosting user trust and app security.
- Configured Firebase Encryption to protect sensitive data and ensure user privacy.

## **LEADERSHIP**

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**President,** Supporting Women in Computing (SWiC)

**June 2021 – May 2024**

Farmingdale State College, Farmingdale, NY

- Led a student organization dedicated to increasing female representation in the computing industry.
- Organized technical workshops and networking events to promote skill development and industry connections.
- Invited industry guest speakers to share insights and offer mentorship, connecting members with professionals in the field.

## **EDUCATION**

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**B.S. in Computer Science**

**May 2024**

Farmingdale State College, Farmingdale, NY

**Relevant Coursework:** Data Structures and Algorithms Software Engineering, Java, Computer Networks, Database Management, AI and Machine Learning, Operating Systems, Android Mobile Application Development, Secure Programming, Python

## **CERTIFICATIONS**

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AWS Solutions Architect Associate SAA-C03 (**In Progress**)