

FATIMA AZFAR

Silicon Valley, CA | [linkedin.com/in/fatima-azfar](https://www.linkedin.com/in/fatima-azfar) | hello.fatima.azfar@gmail.com

Full Stack Principal Software Engineer with 5+ years of tech consulting experience architecting technical solutions and implementing them in both Azure and AWS environments. Accustomed to fast paced development of customer facing and internal software in many different industries, which include: energy and utilities, healthcare, insurance, transportation, inventory management, internal employee management, and financial institutions.

EDUCATION

Illinois Institute of Technology, Chicago

Aug 2015 - May 2019

Master of Computer Science

Bachelors of Science in Computer Science

Specialization in Business

PROFESSIONAL EXPERIENCE

WEST MONROE

Principal Software Engineer | San Francisco

Feb 2024 - Present

- **Lead Engineer** developed an AI proof-of-concept harnessing AWS Bedrock and Java Spring Boot to transform unformatted financial notices emailed from various banks into json objects stored in a Redis DB based upon inferred notice types.
- **Senior Backend Engineer** for a mobile timekeeping application for a national landscaping firm (~100 million \$ firm) using geofencing & location tracking mobile software to automate and standardize time entry and billing for 3000+ employees. (Java Spring Boot, Radar, TestFlight, Azure Functions, Micro service API Architecture)

Senior Software Engineer | Atlanta

Mar 2023 - Feb 2024

- **Senior Backend Engineer** for a multibillion-dollar automotive company, part of a team of 8+ developers building from scratch and releasing a customer-facing car leasing application (Azure, Java Spring Boot, MySQL, Integrations with Azure AD, Auth0, Zendesk, Braze, Stripe, Mitek, Experian)
- **Frontend Angular Engineer** for a multibillion-dollar credit reporting company, in a team of 8+ people for 10+ months on the customer facing credit reporting web app, releasing functionality to prod on a biweekly cadence

Experienced Technology Consultant | Atlanta

Mar 2021 - Mar 2023

- **Lead Frontend React Engineer** on an internal greenfield application for a credit reporting company, managing the direction of the frontend and assisting in the overall technical design & architecture of the application
- **Full Stack Engineer** on an energy & utilities application management system, utilized system reflection, .NET string parsing, and dynamic coding techniques to develop a dynamic document template interpolation engine to take Word documents, utilize their bookmarking functionality, parse them through the Aspose SDK, and fill selected sections with data from the internal application models to generate new forms.
- **Full Stack Engineer** part of a team of 9+ developers that designed and released a greenfield inventory tracking application for a multibillion-dollar transportation and logistics firm. Lead point of contact to triage and address integration issues with existing legacy software. (React JSX, .NET, Azure Functions, Microsoft Silverlight, Confluence)

Technology Consultant | Chicago

Jul 2019 - Mar 2021

- **Senior Full Stack Engineer** developing a proof of concept workflow application for a customer experience survey startup utilizing AWS Glue, Python Scripting, Java Spring Boot, .NET, PySpark, and Databricks. Created a dynamic script generating engine to harness the machine learning processes of PySpark through a REST API
- **Backend Engineer**, working in a team of 5+ developers on a proof of concept Java Spring Boot micro services REST API video surveillance SDK integration
- **Full Stack Engineer** on a healthcare account management system for a 400 million+ dollar medical association, worked within a team of 4+ developers for a year. Developed end to end functionality in Java Spring Boot & Angular 6, running locally using Liberty WebSphere & IBM Rational Application Developer. Ensured UI was backward compatible with IE10, and responsive to mobile and desktop screen widths while maintaining modernized look
- **Frontend Angular Engineer** - developed filter and search functionalities for the internal business web tooling for a parking management firm.

Technology Consultant Intern | Chicago

May 2018 - Aug 2018

- Programmed parts of an inventory management web application for a multibillion-dollar parking management firm in a SCRUM team of 10+ software developers. (Angular 2, MVSTS, Git, C#)

TECHNICAL SKILLS

Tech: Java, Java Spring Boot, C#, C, C++/.NET, AWS, AWS DynamoDB, AWS Lambda Functions, AWS Bedrock, AWS Glue, Azure Functions, SQL, JS, Git, HTML/CSS, AngularJS, React, Python, Microsoft Visual Studio, IntelliJ, Eclipse, IBM Liberty WebSphere, Elasticsearch, MyBatis, Swagger Docs, Painless scripting, Databricks, PySpark, AsposeSDK, Azure AD

Office: MS Office, Visio, Google Suite, Sharepoint Sites, Miro, Confluence, Jira, Trello, Azure DevOps, Agile Methodology, Scrum, Notion

Languages: English & Urdu

LEADERSHIP

Nominated and awarded EqualityX's Top 50 Influential Muslims in the Americas, 2024

Backend Pod Lead within the Distributed Architecture Competency at West Monroe, 2022-2023

Founder of the Interfaith Employee Resource Group at West Monroe, 2021-2024

National Leadership Executive Team Member of Young Muslims, 2019-2021

Cofounder of Illinois Tech's Association for Computing Machinery Women, 2016-2019