

# FARHAN HYDER

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## EXPERIENCE

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**Meta**, Bellevue, WA

Jun 2025 – Present

### **Software Engineer – Privacy Infra**

- Designed and productionized a hybrid LLM + heuristic-based classification system to identify whether AI-generated responses originated from third-party vendor models, achieving >96% precision and recall and eliminating 127+ engineering hours per week of manual review.
- Built an automated ground-truth evaluation and monitoring framework for an internal agent platform, replacing manual performance tracking with structured metric pipelines.
- Drove cross-system domain migration from legacy event pipelines to a zone-based architecture, improving functional parity from 77% to 99.5%.
- Built performance analytics dashboards to provide visibility into LLM model behavior and system quality metrics, enabling faster iteration and data-driven decision-making.

**Accenture**, New York, NY

Oct 2021 – May 2025

### **Lead Software Engineer – BNY Pershing X**

- Contributed to the design, prototyping, and production deployment of a next-generation platform for Alternative Funds, allowing them to be traded more easily in the investment marketplace.
- Improved and maintained back-end systems using Java Spring Boot, NodeJS, NestJS, GraphQL, and MongoDB, while also creating new features from scratch.
- Developed front-end applications within a micro front-end architecture using Angular.
- Managed Gitlab version control and CI/CD workflows, optimizing data processing with PySpark and Azure Functions.

### **Lead Software Engineer – Accenture Cloud First**

- Designed, developed, and implemented functional components that enable clients to manage cross-cloud applications (AWS, Azure, GCP) directly from the ACF platform.
- Designed and implemented a reusable component using AWS SNS and Lambda as a workflow queue system, driving a major internal architectural shift from monolithic to decoupled. This improved system maintainability and made it easier to add new features, while also allowing other teams to use the component.
- Conducted extensive training and mentorship, onboarding more than ten new team members on feature-related tasks and offering in-depth guidance on ACF cross-cloud platform.

### **Senior Software Engineer – Accenture Cloud First**

- Led full-stack development and release of 35+ critical features, leveraging Angular for front-end, NodeJS for back-end, and AWS for scalable cloud deployment.
- Enhanced the GCP sandbox project auto-decommission feature, achieving a 97%+ success rate in identifying and removing redundant projects.
- Implemented Rebar Messaging Service within ACF cross-cloud platform, enabling more efficient inter-service communication.
- Coordinated with multiple analytics teams to develop and integrate report pages and dashboards in ACF cross-cloud platform, significantly improving user access to critical data insights.
- Developed and maintained automated scheduled jobs using AWS CloudWatch, and Lambda as part of provisioning projects, retriggering failed jobs, clean ups, and audits.

**Western Union**, Edison, NJ

Feb 2020 – Sep 2021

### **Software Engineer – Big Data team | contract**

- Designed, developed, and maintained Java Servlets for web services, monitored traffic patterns and implemented automated solutions to improve site reliability and system availability.
- Collaborated with external teams to plan and perform the migration from legacy (on-prem IBM DB2) to cloud (AWS RDS).

## SKILLS

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Back-end: JAVA, Python, JavaScript, C++, NodeJS, Express, PostgreSQL, JDBC, PySpark, GraphQL, SQL  
Front-end: Angular, ReactJS, TypeScript, HTML, CSS  
Cloud: AWS (DynamoDB, Lambda, S3, CloudWatch, SNS, Step Functions, CodePipeline), Azure (DevOps, Functions, Blob Storage), Google Firebase  
Tools: Agile, TDD, Git, SVN, Jira, Splunk, Dynatrace, Numpy, Spring Boot, Claude Code, OpenAI Codex

## EDUCATION & CERTIFICATION

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**Georgia Institute of Technology, Atlanta, GA** M.S. in Computer Science (specializing in Machine Learning) expected 2027  
**The City College of New York, New York, NY.** B.S. in Computer Science 2019  
**AWS Certified Solutions Architect – Associate** expires 07/2026