FARHAN HYDER

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EXPERIENCE

Accenture
New York, NY

Lead Software Engineer – BNY Pershing X — Mar 2024 – present

- Contribute 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.
- Improve and maintain back-end systems using Java Spring Boot, NodeJS, NestJS, GraphQL, and MongoDB, while also creating new features from scratch.
- Develop front-end applications within a micro front-end architecture using Angular.
- Manage Gitlab version control and CI/CD workflows, optimizing data processing with PySpark and Azure Functions.

Lead Software Engineer – Accenture Cloud First — Jun 2022 – Mar 2024

- Played a key role in designing, developing, and implementing 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.
- Managed the transition of project leadership, maintaining continuity and excellence in project delivery, and ensuring a smooth handover from the China dev team to new team members in India.
- 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.
- Orchestrated collaboration across diverse international cross-functional teams of over 45 members, ensuring smooth operations and development processes among teams from Argentina, China, Czech Republic, India, Ireland, Mexico, Philippines, and the USA.

Senior Software Engineer – Accenture Cloud First — Oct 2021 – May 2022

- Played a pivotal role in the full-stack development and release of over 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, significantly optimizing resource utilization.
- Implemented Rebar Messaging Service within ACF cross-cloud platform, enabling more efficient inter-service communication.
- Created internal and external APIs with NodeJs and AWS Lambda function.
- Refined and optimized CI/CD pipelines within Azure DevOps and AWS CodePipeline.
- 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.

Tata Consultancy Services
Edison, NJ

Software Engineer – Big Data team at Western Union — Feb 2020 – Sep 2021

- Designed, developed, and maintained Java Servlets for web services.
- Monitored and analyzed traffic patterns on the web services and moved or balanced traffic accordingly.
- Collaborated with external teams to plan and perform the migration from legacy (on-prem IBM DB2) to cloud (AWS).
- Played a key role in system monitoring enhancements and the integration of automated solutions to enhance site reliability and ensure high system availability.

SKILLS

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

EDUCATION & CERTIFICATION

Georgia Institute of Technology, Atlanta, GA	M.S. in Computer Science (specializing in Machine Learning)	expected 2025
The City College of New York, New York, NY.	B.S. in Computer Science	2019
AWS Certified Cloud Practitioner		expires 07/2026
AWS Certified Solutions Architect – Associate		expires 07/2026