Shahryar Parvez

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EDUCATION

B.Sc in Computer Science, Stony Brook University   Aug 2014 – Dec 2017

SKILLS

Languages	Java, JavaScript, TypeScript, Python, HTML5, CSS3, C, PHP, C#, SASS, Prolog, MIPS, LaTeX
Frameworks	React (Redux), Spring Boot, Node.js (Express), Angular, RxJS, D3.js, Ionic, Firebase, Chart.js, JUnit, Spark
Storage	Hadoop, MySQL, MongoDB, Cloud Firestore, SQL Server, Oracle SQL
Tools	Kubernetes, Git, Jenkins, JWT, Maven, NPM, Yarn, AWS (RDS, S3, EC2, EKS, Glue), GCP

EXPERIENCE

Software Engineer, JPMorgan Chase & Co.   May 2021 – Present

- Designed and implemented end-to-end application layers for ETL pipelines on AWS Glue and Lambda, efficiently transferring client data into the datalake.
- Led cloud migration by redesigning Kafka-based event architecture, transitioning from on-prem (GAP/Oracle) to AWS (Lambda/DynamoDB), improving scalability and resilience.
- Built and enhanced microservice-oriented APIs with Java/Spring Boot as part of the Data Pipeline team within a fully-agile development process.
- Designed and implemented ETL pipeline enhancements using Java Spark, extending processing capabilities for petabytes of data on Hadoop (on-prem) and Kubernetes (AWS EKS).
- Enhanced system reliability by developing comprehensive test suites using Mockito and JUnit, strengthening integration testing coverage.

Software Developer, Boss Logics   July 2017 – May 2021

- Engineered an interactive e-commerce platform using JavaScript and PHP, enabling real-time video streaming and virtual product sales.
- Designed and deployed a wholesale order processing system (PHP/MySQL) handling $100M+ in transactions.
- Optimized DevOps by automating CI/CD pipelines, accelerating testing and deployment to GCP compute instances.
- Mentored junior developers and led technical interviews, strengthening the engineering team.

Undergraduate Teaching Assistant, Stony Brook University   Jan 2017 – Dec 2017

- Ran a lab session on procedural, object-oriented, and event-driven programming for the intro Java course.
- Provided one-on-one assistance with exercises and assignments during office hours.

Intern Developer, Suffolk County Dept. of Social Services   Jun 2015 – Aug 2015

- Migrated a legacy database from Microsoft Access to SQL Server.
- Constructed forms for an app that handled client health center payments with VB.NET.

PROJECTS

Jotter, React (Redux) and Node.js (Express and Mongoose), MongoDB   Aug 2019 – Feb 2020

- A full-stack dynamic web app built for quickly taking and organizing notes.

Cryptofy, Typescript (Ionic and Angular 5), Firebase, Cloud Firestore   Jan 2018 – Aug 2018

- A cross-platform (iOS/Android) mobile app that tracks cryptocurrency prices, news, and portfolio value.

Audium, Typescript (Angular 4), Java (Spring Boot), MySQL, AWS (RDS, S3, and Elastic Beanstalk)   Aug 2017 – Dec 2017

- A full-stack clone of Spotify that allows users to stream music, create playlists and search for artists, albums and songs.