

Shahryar Parvez

Bay Shore, NY | shhrrparvez@gmail.com | www.shahryarparvez.com

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, Terraform, Jenkins, JWT, Maven, NPM, Yarn, AWS (RDS, S3, EC2, EKS, Glue), GCP |

EXPERIENCE

Software Engineer, JPMorgan Chase & Co.

May 2021 – Present

- Built AWS EKS infrastructure with Terraform, configuring Kubernetes clusters, networking (Route 53), and security layers. Provisioned storage (EFS, S3, Aurora RDS) and managed IAM roles, policies, and Secrets. Integrated Spring Boot and Spark on Kubernetes for scalable deployments.
- Engineered ETL pipelines on AWS Glue (PySpark) and Lambda (Spring Boot) to optimize data ingestion into the lake.
- Redesigned Kafka event orchestration, migrating from on-prem (GAP/Oracle) to AWS (Lambda/DynamoDB), enhancing 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

- Developed an interactive e-commerce platform (JavaScript/PHP) with real-time video streaming and virtual product sales. Integrated scheduling and Freshworks for support and messaging.
- Engineered a high-volume wholesale order system (JavaScript/MySQL) handling \$100M+ in transactions and created data models to track inventory (MySQL).
- 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.

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.