

SAYEED JOSEPH | Software Engineer

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SUMMARY

Software Engineer with 4+ years' experience building secure, high-availability platforms at **Bloomberg**, including credential APIs supporting 50k+ daily requests across major banks (**JPMorgan**, **Morgan Stanley**) and 12+ internal teams. Recognized company-wide for bridging engineering and stakeholder needs, documenting complex systems, and delivering business impact.

SKILLS

Frontend: React, Redux, Angular, JavaScript, TypeScript, HTML5, CSS3, Webpack, React Testing Library, Enzyme

Backend: Java, Python, Node.js (Express, Koa), Flask, Spring Boot, PostgreSQL, Oracle, SQLite, MS SQL Server, MongoDB, Redis, REST APIs, GraphQL, Microservices

DevOps/Tools: Docker, Kubernetes, Jenkins, GitHub Actions, Git, Maven, Terraform, CI/CD, JIRA, Postman, IntelliJ, Cursor (AI IDE), Testing: Jest, JUnit, Playwright, Cucumber

AWS: IAM, API Gateway, EC2, S3, Lambda, DynamoDB, Route53, CloudWatch, Secrets Manager

WORK EXPERIENCE

Digital Process Improvement Engineer (Hybrid Role)

Holyoke, MA

MiraVista Behavioral Health Center

November 2024 - Present

- Designed and prototyped a Laundry Notification Tool in **Cursor**, leveraging **AWS (S3, Lambda, DynamoDB)** to automate shift-change alerts, reducing time spent on laundry-related code calls (freeing ~30 nursing hours each month).
- Created digital onboarding guides and shift handover logs, enabling new hires to ramp up within 2 days and standardizing knowledge transfer for all clinical staff.
- Digitized incident and supply tracking workflows by collaborating with nursing and admin staff, increasing accuracy and speeding up reporting for 50+ daily shift events.
- Balanced dual responsibilities (counselor & technologist), using automation and process innovation to improve patient care.

Software Engineer

New York City, NY

Bloomberg

January 2021 - March 2024

- Engineered containerized React widgets with CI/CD pipelines (**Jenkins**, **Docker**, **Kubernetes**), enabling semantic versioning and zero-downtime deployments for several business-critical apps.
- Built SFTP account-to-product mapping platform (React, Flask, microservices), allowing executives to monitor connectivity usage and business impact - recognized at company-wide executive review.
- Migrated legacy credential/IP workflows from **Angular** to **React**, building responsive, reusable components with modern **CSS** (styled-components) and **ES6** features, while partnering with UX/product teams and ensuring 24/7 system uptime.
- Built secure **Flask APIs** providing permission-controlled access to Bloomberg's connectivity data with a **PostgreSQL** database supporting 12+ internal development teams and handling 50K+ daily requests.
- Designed and developed Bloomberg's first connection lookup single-page application in **Angular** with a **responsive design**, enabling customers to filter by 8+ protocol types, including MQ (IBM MQ), SFTP, and FIX connections.
- Resolved complex Java integration bugs while building certificate-generation APIs, improving backend reliability and onboarding for new developers.

Software Engineer Instructor

New York City, NY

Bright Code

March 2020 - January 2021

- Taught ES6 JavaScript, React, and SPA architecture to 7-12 students through live code-alongs and TDD with Jest.
- Led backend fundamentals training for a QA-focused cohort (**Java** + **Spring Boot** framework); 95% of students were placed with the program's hiring partner.
- Taught **REST API** and **GraphQL** design, **JUnit** and **Cucumber** testing frameworks, and MVC principles while facilitating debugging workshops and hands-on build sessions.

Software Engineering Teacher Fellow

New York City, NY

Fullstack Academy

January 2020 - April 2020

- Conducted 3-4 weekly technical interviews to assess student readiness, and mentored three capstone teams in building, refining, and shipping production-quality single-page and full-stack applications.
- Advised students on end-to-end project architecture, including frontend frameworks (**React** with **Redux** state management), backend services (**Node.js** with **Express.js**), and **NoSQL** database (**MongoDB**).

EDUCATION

Web Development Fellow, Fullstack Academy (17-week full-stack JavaScript development (NERD stack))

Web Development Fellow, The Knowledge House, NYC (108 hours - HTML, CSS, JavaScript)

B.A. Music, Skidmore College