Paarth Parekh
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PROFESSIONAL SUMMARY

Full-Stack Technical Consultant and Software Engineer with over 5 years of experience specializing in the implementation and optimization of Charles River IMS (CRIMS) for Tier-1 asset managers. Expert in the State Street Alpha ecosystem, bridging the gap between complex front-to-back office business requirements and high-performance technical execution. Proven track record in orchestrating multi-client onboarding, managing enterprise-level SaaS migrations, and automating high-availability ETL pipelines. Adept at delivering custom, scalable API integrations and software solutions that integrate seamlessly across disparate financial infrastructures and cloud environments.

EXPERIENCE

Charles River Development | Boston, MA   08/2025 – Present
Technical Implementation Consultant

- Multi-Client Portfolio Delivery: Spearheading simultaneous technical implementations of CRIMS for a diverse range of global asset managers, managing complex front-to-back office workflows.
- Alpha Ecosystem Orchestration: Integrating CRIMS with State Street Alpha utilizing AWS and Snowflake to harmonize front-to-back office data management.
- Event-Driven Architecture: Implementing real-time data streaming and messaging solutions using Kafka to optimize trade execution and market data delivery.
- Integration Engineering: Engineered automated integrations via XML messaging and APIs to synchronize data between different systems.
- Enterprise SaaS Migrations: Executing on-prem to Azure SaaS conversions, including version upgrades, database migrations, and performance tuning.
- Data Architecture & ETL: Designing custom exports and multi-source import feeds for Positions and Accounts, developing SOD and EOD batch cycles.

Javelin Biotech | Woburn, MA   06/21 – 07/25
Computational Scientist & Technical Product Owner-II

- Scalable Solution Architecture: Designed and deployed a client-facing SaaS platform using predictive algorithms to automate large-scale data analysis for external stakeholders.
- System Integration: Developed custom, cross-system software solutions that enabled seamless data integration across varied client infrastructures.
- Pipeline Engineering: Built robust, scalable ETL pipelines that reduced latency and enhanced system reproducibility.
- Technical Leadership: Managed the product roadmap and translated complex stakeholder requirements into scalable code and comprehensive technical documentation.
- DevOps & CI/CD: Led CI/CD workflow implementation to support automated testing and deployment.
- Supported grant proposals by delivering technical justifications, timeline projections, and platform scalability strategies.

GlaxoSmithKline | Rockville, Maryland   06/20 – 12/20
Data Scientist

- Data Science & Analytics: Developed automated version-controlled pipelines to process high-dimensional datasets, replacing manual workflows and increasing data throughput.
- Visualization: Created technical visualizations and reports that simplified complex data trends for non-technical audiences and executive leadership.

TECHNICAL SKILLS

- Fintech Platforms: Charles River IMS (Azure), State Street Alpha (AWS/Snowflake), Bloomberg, FIX.
- Data & Messaging: Kafka, XML Messaging, SFTP/API Data Flows, ETL Pipeline Design.
- Languages: Python, Java, C#, SQL, Bash, React.js, PostgreSQL.
- Data & Cloud: Azure Cloud Services, AWS (EC2, S3, Lambda), Docker, CI/CD, Linux/Unix, Batch Automation, Git.
- Methodologies: Agile, Scrum, SDLC, Technical Documentation, Stakeholder Management.

EDUCATION

Georgia Institute of Technology, Atlanta, GA | *M.S. in Data Science (GPA: 4.0/4.0)*

University of Mumbai, Mumbai, India | *B.E. in Engineering*

CFA Level I Candidate | *November 2026*