

Jayanth Dannana

Full Stack Developer

jayanth.dannana108@gmail.com | +1 (929) 352 0712 | Jersey City, NJ | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EXPERIENCE

Northern Trust

Jan 2024 – Present

Java Full Stack Developer

Remote, USA

- Developed scalable microservices in Spring Boot to support secure financial operations, reducing transaction processing time by 35% through optimized service design.
- Developed and enhanced front-end features using React.js and TypeScript, increasing application usability scores by 20% based on internal surveys.
- Improved system uptime by 40% through AWS CloudWatch monitoring and alert configurations across core services.
- Enhanced API security using OAuth2 and JWT, minimizing unauthorized access attempts and supporting internal compliance policies.
- Orchestrated CI/CD pipelines using GitLab, Kubernetes, and Docker, reducing deployment times by 70% and supporting weekly production releases.
- Engineered a real-time data processing pipeline using Kafka and Apache Spark, processing over 500,000 transactions per day with 99.99% data accuracy and reliability.
- Led collaboration with QA engineers, DevOps, and business analysts to meet functional and non-functional requirements throughout the project lifecycle.
- Participated in Agile sprints with stakeholders from compliance, infrastructure, and trading teams to meet regulatory and functional goals.

KellTon

Jan 2020 – Jul 2022

Software Developer

India

- Designed and implemented user interfaces in React.js and Next.js for client applications across healthcare and logistics, increasing user engagement by 25%.
- Spearheaded development of user-facing components in React.js and backend APIs using Spring Boot and Node.js, improving delivery timelines by 30%.
- Migrated legacy services to REST APIs, reducing frontend latency by 40% and streamlining inter-service communication.
- Built backend services in Node.js with asynchronous processing, improving throughput by 2x for data-heavy operations.
- Optimized MongoDB and PostgreSQL queries, decreasing average query response time by 30%.
- Implemented automated unit and integration tests with JUnit and Mockito, increasing code coverage by 35% and reducing bug reports by 25% in financial modules.
- Collaborated with clients and business leads in Agile ceremonies, ensuring transparency and aligning delivery goals with user needs.

EDUCATION

Stevens Institute of Technology

May 2024

Master of Science in Computer Science

New Jersey, USA

TECHNICAL SKILLS

- **Languages:** Java, JavaScript, TypeScript
- **Frameworks:** Spring Boot, Spring MVC, React.js, Node.js, Next.js, Express.js
- **Frontend:** HTML5, CSS3, Bootstrap, Tailwind CSS
- **APIs:** RESTful APIs, JSON, GraphQL
- **Databases:** PostgreSQL, MongoDB, DynamoDB
- **Testing:** JUnit, Mockito, Jest
- **Tools & DevOps:** Git, Jenkins, GitLab CI/CD, Docker, Kubernetes
- **Cloud:** AWS (EC2, S3, Lambda, CloudWatch, SQS)