

Robel T Abraha
Full Stack Developer
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Summary

Java Developer with 5 years of experience delivering secure, scalable, and high-performance applications across financial services, healthcare, and IT domains. Proficient in Java, Spring Boot, Hibernate, Microservices, RESTful APIs, and front-end frameworks like React and Angular. Experienced in developing HIPAA-compliant systems and financial applications, integrating complex databases, and optimizing application performance. Skilled in end-to-end development in Agile environments, translating business, clinical, and financial requirements into reliable, user-centric software solutions.

Skills

Programming & Frameworks: Java, Spring Boot, Hibernate, RESTful APIs, Microservices

Front-End Technologies: React, Angular, HTML5, CSS3, JavaScript, Bootstrap, Responsive Design, UI/UX Principles, Tailwind CSS

Cloud Platforms & Deployment: AWS (EC2, S3, RDS, Lambda, CloudWatch), Azure (App Services, Monitor, Azure DevOps), Docker, Kubernetes, Jenkins, CI/CD

Databases: MySQL, PostgreSQL, MongoDB, Redis

Build & Testing Tools: Maven, JUnit, Mockito, Swagger/OpenAPI, Postman

Domain Expertise & Compliance: Healthcare IT (EHR/EMR Systems), HIPAA

Development Practices & Tools: Git, GitHub, Agile, Scrum, JIRA

Soft Skills: Problem Solving, Collaboration, Communication, Attention to Detail

Professional Experience

Full Stack Java Developer, United Health Group

Jul 2024 - Present | USA

- Developed scalable Java and Spring Boot EHR/EMR modules with interactive UI components, integrating AWS RDS for optimized database access and improving patient workflow efficiency by 23%, processing more than 12,000 patient records daily.
- Built responsive dashboards with React, Bootstrap, and Tailwind CSS, improving medical staff interaction and scheduling efficiency by nearly 27%, managing approximately 150 daily appointments, and streamlining reporting workflows across multiple departments.
- Deployed applications on AWS EC2 and stored assets on S3, supporting over 500 concurrent users, ensuring high availability and responsive access to critical patient data, and reducing annual infrastructure costs.
- Collaborated with cross-functional teams using Scrum and Git to monitor application performance with AWS Lambda and CloudWatch, maintaining 99.9% uptime for hospital systems.
- Managed MySQL databases with HIPAA-compliant access controls, optimizing queries to reduce patient record retrieval time by roughly 18% for around 50,000 records, and applied JUnit, Mockito, and Postman for unit and API testing within an Agile workflow.

Junior Full Stack Java Developer, DXC Technology

Jun 2022 - Jun 2024 | USA

- Designed and implemented enterprise Java applications using Hibernate and RESTful APIs, reducing transaction processing time by around 17% for over 2 million transactions, improving system reliability and data integrity.
- Developed interactive, user-friendly Angular dashboards with Bootstrap for transaction monitoring and reporting, increasing operational efficiency by nearly 24% for about 500 active users, enabling faster business decision-making and workflow automation.
- Leveraged Azure App Services, Jenkins, and GitHub to automate deployments and monitor applications, ensuring responsive, reliable UIs for 50+ enterprise-critical services.
- Administered PostgreSQL databases, optimizing queries and implementing role-based access, improving data retrieval and transactional accuracy by 22% across more than 1 million records.
- Created API documentation using Swagger/OpenAPI within Azure DevOps, ensuring accurate endpoint specifications and improving integration efficiency for around 50 enterprise applications while coordinating effectively with cross-functional teams.

Java Developer, PNC Finacials

Feb 2020 - May 2022 | USA

- Assisted in backend development using Java and Microservices, improving modularity and deployment speed, reducing system errors by around 12% across 5 modules for financial applications.
- Enhanced front-end interfaces with HTML5, CSS3, and JavaScript, creating responsive dashboards that improved usability by 16%, supported around 150 daily users, and streamlined staff workflows.
- Supported cloud deployments using Kubernetes and Docker, monitoring application responsiveness with Azure Monitor, reducing environment setup time by 13% across applications.
- Managed MongoDB collections, improving data retrieval efficiency by approximately 14% for around 120,000 financial records, ensuring secure storage for sensitive client data.
- Optimized build and deployment processes using Maven and Jira for task tracking, improving release efficiency by 20% and ensuring faster delivery of UI enhancements through streamlined CI workflows across 8 modules.

Education

Associate of Science in Computer Programming, Math, and Science

Laney College, Oakland, CA

Jan 2019 - May 2024

Certification:

Certified Healthcare Interpreter

City College of San Francisco, San Francisco, CA

May 2023

Certified Full-Stack Web Development

UC Berkeley Extension, Berkeley, CA

Mar 2024