

PEMA SHERPA (US Citizen)

JAVA FULL STACK DEVELOPER

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PROFESSIONAL SUMMARY

- Experienced Full Stack Developer with 5 years of hands-on experience in designing and developing scalable web applications across healthcare, fintech, and aviation industries
- Skilled in both frontend and backend development using JavaScript (React, Node.js), Java, RESTful APIs, SQL/NoSQL databases, and cloud deployments
- Proven ability to work across the software development life cycle (SDLC) in Agile environments, including requirements gathering, system design, coding, testing, and deployment.
- Strong understanding of performance optimization, CI/CD, containerization, and version control practices.
- Designed secure, high-availability features and backend services handling millions of transactions in enterprise systems.
- Demonstrated adaptability in large enterprise projects using modern DevOps tools such as Docker, Jenkins, and GitHub Actions.
- Focused on delivering clean, maintainable code with an emphasis on reusability and scalability.
- Deeply familiar with REST APIs, MVC frameworks, unit testing, and debugging complex issues across distributed systems.
- Built reusable components and custom UI libraries for large teams to streamline frontend development across micro frontends.
- Collaborated closely with QA, DevOps, and product teams to meet aggressive sprint timelines and delivery goals.
- Proficient in using Agile boards (JIRA, Azure Boards), Git branching strategies, code reviews, and story pointing.
- Hands-on experience integrating 3rd-party APIs and internal microservices to build modular, data-driven platforms.
- Strong problem-solving and troubleshooting skills with the ability to mentor junior developers.
- Comfortable with cross-functional teams and stakeholder communication, contributing to architecture decisions and product roadmaps.
- Seeking opportunities in dynamic teams building high-impact platforms in the web and cloud ecosystem.

TECHNICAL SKILLS

Programming	Java, JavaScript, HTML5, CSS3, SQL, Bash, JSON
Frontend	React.js, Redux, Material UI, Bootstrap
Backend	Java Spring Boot, Node.js, Express.js
Databases	PostgreSQL, MySQL, MongoDB, Redis
DevOps	Docker, Jenkins, GitHub Actions, Terraform
Cloud	AWS EC2, S3, Azure Blob
Tools	Git, GitHub, JIRA, Confluence, Swagger, Postman
Application/ Web Servers	WebLogic, JBoss, Glassfish 4.0, Tomcat, WebSphere
Testing	JUnit, Mockito, Jest, React Testing Library

PROFESSIONAL EXPERIENCE

MASTERCARD | O'Fallon, MO

Jan 2024 - Present

Java Full Stack Developer

- Developed scalable backend microservices using Java Spring Boot and exposed them via secure RESTful APIs to process digital payments.
- Built reusable React.js components and pages for internal banking dashboards, improving code reusability across teams.
- Used PostgreSQL for relational data modeling and MongoDB for document-based storage supporting user profiles and activity logs.
- Integrated JWT-based authentication and implemented role-based access across microservices for better security control.
- Collaborated in Agile sprints with product and QA teams, ensuring all features passed CI/CD pipelines through Jenkins and GitHub Actions.
- Utilized Docker containers to ensure consistent local and production environments, deployed services on AWS EC2.
- Created monitoring dashboards using Grafana and integrated Log4j for error tracking and performance logging.
- Maintained 80%+ test coverage across frontend and backend modules using Jest, Mocha, and JUnit.
- Integrated Mastercard APIs and internal services for card tokenization and transaction insights.
- Supported production deployments, incident management, and customer bug fixes, maintaining 99.9% uptime SLAs.
- Built internal tooling in Node.js to automate data validation for compliance reporting.
- Participated in weekly code reviews and architecture discussions, contributing to platform evolution roadmap.

- Maintained documentation using Swagger/OpenAPI, ensuring effective onboarding for new developers.
- Enhanced accessibility and responsiveness across platforms, meeting WCAG 2.1 compliance.

Environment: Java, Spring Boot, React.js, Node.js, PostgreSQL, MongoDB, Docker, AWS, Jenkins, GitHub, JIRA, JWT, REST API, Swagger, AWS (S3, Redshift, EMR, Lambda), Terraform, Oracle, DB2, Kafka, Airflow, AWS Step Functions, Docker, Kubernetes, Jenkins, GitHub Actions.

CARDINAL HEALTH | Dublin, OH

Jan 2022 – Aug 2023

Software Engineer

- Developed end-to-end web applications for medical inventory management using React, Redux, and Express.js.
- Designed robust Java-based backend services integrated with MySQL and Redis for caching time-sensitive operations.
- Wrote unit and integration tests using Mockito, JUnit, and React Testing Library, achieving over 90% coverage.
- Worked with CI/CD pipelines in Jenkins, Dockerized services, and implemented health checks for microservices.
- Built responsive UIs using Material-UI, enhancing user experience across multiple devices and browsers.
- Integrated Azure Blob Storage to support file uploads (PDF, images, CSV) within admin and reporting modules.
- Conducted code reviews, tracked bugs via Azure Boards, and worked closely with business analysts for requirement grooming.
- Applied GraphQL for efficient querying on product inventory APIs, reducing data payloads by 50%.
- Led documentation and test case creation for internal DevOps playbooks and frontend UI modules.
- Conducted API security reviews with compliance team, helping implement OAuth2 across endpoints.
- Participated in Agile ceremonies including sprint retrospectives, grooming, and demo presentations.
- Migrated legacy jQuery pages into modern React-based components, reducing frontend tech debt.
- Created reusable service hooks and components for inventory status updates and audit trails.
- Contributed to accessibility testing using axe-core and integrated testing into CI flows.

Environment: React, Redux, Node.js, Java, Spring, MySQL, Redis, GraphQL, Azure, Docker, Jenkins, OAuth2, Git, Material-U, Apache Spark (Scala), Snowflake, Kafka, RabbitMQ, Python, JavaScript.

UNITED AIRLINES | Chicago, IL

July 2019 – Dec 2021

Associate Software Engineer

- Developed and maintained scalable Java-based applications, adhering to industry best practices and design patterns.
- Collaborated with cross-functional teams to clarify requirements, produce technical specifications, and deliver solutions aligned with business objectives.
- Wrote and refactored clean, efficient, and testable code, proactively troubleshooting existing codebases to enhance performance and reliability.
- Participated in Agile ceremonies (sprint planning, daily scrums, retrospectives) for iterative development and rapid feedback loops.
- Designed test plans, test cases, and scripts, performing both manual and automated testing across diverse environments.
- Developed automated scripts using Java, Maven, TestNG, and Cucumber, leveraging Page Object Model (POM) for structured test automation.
- Utilized CI/CD pipelines (Jenkins) for nightly builds, employing Git for version control and faster feedback.
- Conducted RESTful API testing with Postman, Rest Assured, and SQL-based back-end validations to maintain data integrity.
- Performed Android/iOS app testing on Appium emulators and simulators, ensuring a consistent user experience across mobile devices.

EDUCATION

- Completed 2 years toward **Bachelor's Degree in Computer Science**
- **CSU Global University – Colorado (Incomplete, left due to personal circumstances)**

CERTIFICATION

- Java Full Stack Web Development – Coursera
- AWS Developer Associate – Amazon Web Services
- Git & GitHub Essentials – Udemy
- Responsive Web Design – free Code Camp
- Agile Project Management – Scrum.org (PSM I Certified)

REFERENCES AVAILABLE UPON REQUEST