**Professional Summary:**

* Achieved rapid feature delivery by translating complex fintech requirements into well-defined user stories and technical specifications, ensuring alignment with stakeholder objectives.
* Pioneered responsive web and mobile interfaces using React and React Native, integrating advanced state management to deliver seamless user experiences across devices.
* Architected robust backend ecosystems with Java/Spring Boot and Node.js/Express, facilitating millions of secure payment authorizations daily.
* Engineered high-throughput data pipelines leveraging Apache Kafka and WebSockets to support real-time transaction analytics and monitoring.
* Designed normalized and denormalized schemas in PostgreSQL and MongoDB, optimizing query performance for settlement and reporting workflows.
* Implemented OAuth2 and JWT authentication mechanisms alongside PCI-compliant encryption to safeguard sensitive customer and transaction data.
* Orchestrated containerized microservices with Docker and Kubernetes on AWS EKS, achieving zero-downtime deployments and elastic scaling.
* Leveraged Terraform and AWS CloudFormation to provision repeatable, version-controlled infrastructure environments across development and production.
* Automated end-to-end CI/CD pipelines using Jenkins and GitHub Actions, embedding static analysis, unit tests, and security scans to enforce quality gates.
* Monitored system health through Prometheus metrics, Grafana dashboards, New Relic traces, and Splunk log aggregation to deliver 99.9% uptime.
* Validated comprehensive testing strategies with JUnit, Mockito, Jest, Cypress, and Selenium, accelerating defect detection and release confidence.
* Collaborated in Agile ceremonies planning, grooming, standups, demos, and retrospectives to foster continuous improvement and rapid iteration.
* Mentored junior engineers by leading pair-programming sessions, delivering targeted workshops on secure coding and cloud-native patterns.
* Documented API contracts, sequence diagrams, and deployment runbooks in Confluence, Swagger, and GitHub Wiki to streamline cross-team knowledge sharing.
* Diagnosed production incidents through deep log analysis and performance profiling, executing root-cause remediation and preventive optimizations.

**Technical Skills**

|  |  |
| --- | --- |
| **Frontend** | JavaScript, TypeScript, React (Web & Native), HTML5, CSS3, Tailwind CSS, Bootstrap |
| **Backend & APIs** | Node.js/Express.js, Java/Spring Boot, Ruby on Rails, Django (Python), RESTful design |
| **Databases** | PostgreSQL, MongoDB, MySQL |
| **Real-time & Messaging** | Apache Kafka, WebSocket, Socket.io |
| **Auth & Security** | OAuth2, JWT, PCI-DSS/HIPAA encryption, secure coding |
| **DevOps & CI/CD** | Docker, Kubernetes (EKS), Jenkins, GitHub Actions |
| **Cloud Infrastructure** | AWS (EC2, S3, Lambda), Terraform, Azure, GCP |
| **Testing & Quality** | Jest, Mocha, JUnit, Mockito, Cypress, Selenium |
| **Monitoring & Logging** | Prometheus, Grafana, New Relic, Splunk |
| **Collaboration & Agile** | Scrum ceremonies, sprint planning, backlog grooming, retrospectives |
| **Version Control** | Git workflows, branching strategies, pull-request reviews |
| **Documentation & Design** | API contracts, sequence diagrams, deployment runbooks, UX mockup translation |
| **Performance Tuning** | Query optimization, caching strategies (Redis), code-splitting, memoization |
| **Error Handling & Support** | Exception management, circuit breakers, retry mechanisms, incident triage |
| **Mentoring & Leadership** | Pair programming, code reviews, technical workshops, onboarding |

**Professional Experience**

**Client: Bonobos – E-Commerce Platform Modernization (New York, NY) Nov 2024– Present**

**Role: Full-stack Engineer**

**Responsibilities:**

* Constructed Rails API endpoints to expose product catalogs, customer profiles, and inventory statuses as JSON.
* Formulated normalized PostgreSQL schemas for SKUs, order histories, and promotional configurations to enhance query efficiency.
* Designed Elasticsearch ingestion pipelines using Logstash and custom Ruby scripts for fast, typo-tolerant search capabilities.
* Engineered a checkout microservice that integrates Stripe for tokenization, 3D Secure flows, and PCI-compliant settlement.
* Crafted Kafka streams to publish order events and consume shipment updates, decoupling frontend requests from backend fulfilment.
* Established Sidekiq workers for background processing of inventory synchronization, email notifications, and ERP data transfers.
* Packaged backend components in Docker containers to encapsulate Ruby gems and native libraries for consistent environments.
* Deployed Kubernetes manifests and Helm charts on AWS EKS, enabling readiness/liveness probes, auto scaling, and self-healing pods.
* Executed Jenkins pipelines that chain RSpec tests, Brakeman security scans, and migration validations to enforce CI/CD quality gates.
* Integrated Launch Darkly feature flags via Rails SDK to permit controlled rollouts and A/B experimentation on pricing logic.
* Instrumented Ruby services with Prometheus exporters to collect metrics on throughput, error rates, and job-queue depths.
* Configured Grafana dashboards to visualize API latency distributions, error spikes, and traffic trends, with alert thresholds.
* Managed OAuth2 client-credentials flow to generate JWTs and enforce scope-based authorization across microservices.
* Coordinated schema migrations and data backfills through Rails migrations and Rake tasks, ensuring zero-downtime upgrades.
* Examined Splunk aggregates and Kubernetes event logs to pinpoint performance bottlenecks and implement resilience patterns.

**Client: Computer Share – New York, NY Sept 2023 – Nov 2024**

**Role: Full-Stack Mobile Engineer**

**Responsibilities:**

* Engaged in sprint planning to elicit functional and technical requirements directly from client stakeholders.
* Architected and implemented core features of the Investor Center mobile application in React Native, aligning with MVP objectives.
* Integrated Ping Identity to establish secure authentication workflows, encompassing user registration and login.
* Engineered the Portfolio module to display personalized investment data holdings, performance metrics, and profile details.
* Developed a bottom-tab navigation structure for streamlined access to Accounts, Transactions, Documents, and more.
* Built transaction capabilities enabling share sales and dividend transfers while enforcing business logic and compliance rules.
* Designed responsive layouts and adaptive UI components to ensure consistent usability on both iOS and Android devices.
* Leveraged Redux and Context API to manage application state across multiple components, maintaining interaction consistency.
* Authored unit tests for critical React Native components to validate UI logic and bolster code reliability.
* Optimized performance by pinpointing bottlenecks, refactoring components, and reducing unnecessary render cycles.
* Collaborated with QA teams to validate test cases and resolve user-experience defects prior to production release.
* Managed Git workflows branching, pull-request reviews, and conflict resolution—to uphold code quality standards.
* Contributed to daily standups and retrospectives to communicate progress, surface impediments, and drive continuous improvement.
* Translated Figma mockups into pixel-perfect UI implementations through close coordination with design partners.
* Documented development processes, API contracts, and component behaviors to support knowledge transfer and future maintenance.

**Client: Truist Financial Corporation (USA) Feb 2022 -Aug 2023**

**Role: Web Developer**

**Responsibilities:**

* Collaborate with product owners and Truist stakeholders to capture business requirements and define acceptance criteria.
* Architect responsive web interfaces utilizing HTML5, CSS3, and React.js, aligned with corporate branding guidelines.
* Implement OAuth2 and JWT-based authentication flows to secure customer logins and account access.
* Engineer RESTful services in Node.js/Express for account management, fund transfers, and real-time balance updates.
* Optimize PostgreSQL queries and indexing strategies to accelerate transaction retrieval under heavy load.
* Integrate fraud-detection APIs and Truist’s internal risk-assessment services to validate payments.
* Guarantee cross-browser compatibility and mobile responsiveness through progressive enhancement techniques.
* Construct modular styling architectures (e.g., BEM, CSS Modules) for scalable, maintainable UI code.
* Configure GitHub Actions pipelines to automate builds, run Jest unit tests, and deploy to AWS environments.
* Monitor application performance and security events with New Relic and Sentry, driving proactive issue resolution.
* Conduct peer reviews to enforce coding standards, regulatory compliance, and best practices.
* Validate accessibility (WCAG 2.1) and usability to ensure inclusive experiences for all customers.
* Chronicle API contracts, data schemas, and deployment workflows in Confluence and GitHub Wiki.
* Coach junior developers through pair-programming and technical workshops on full-stack banking solutions.
* Liaise with QA and DevOps teams to synchronize test plans, deployment schedules, and release validations

**Client: Comerica Bank, (Dallas, TX) June 2020 – Dec 2021**

**Role: Software Engineer – Full Stack**

**Responsibilities:**

* Collaborated with Digital Payments stakeholders to capture comprehensive user stories, acceptance criteria, and regulatory stipulations for the P2P transfer portal.
* Architected modular React.js components onboarding forms, transaction ledgers, and customizable alert panels leveraging Tailwind CSS for a consistent, responsive design system.
* Engineered centralized application state using Redux, ensuring predictable data flows and seamless synchronization of real-time updates across multiple UI views.
* Configured React Router to enable declarative, client-side navigation between onboarding, history, and settings screens without full page reloads.
* Automated end-to-end validation with Selenium WebDriver, scripting user journeys to guarantee form-submission accuracy and workflow stability across modern browsers.
* Authored comprehensive Postman collections to verify frontend, backend integration, streamline API contract testing, and accelerate defect discovery during development cycles.
* Developed a suite of Ruby on Rails microservices that expose JSON endpoints for initiating, reconciling, and auditing peer-to-peer transactions with built-in idempotency safeguards.
* Modeled PostgreSQL data structures normalizing user profiles, transaction logs, and audit trails and applied partitioning and indexing best practices to support high-volume queries.
* Integrated Apache Kafka for event-driven architecture, producing transaction records and consuming fraud-scoring feedback to power real-time notification workflows.
* Containerized Rails and Node components using Docker, encapsulating all dependencies and runtime configurations to ensure parity across development, staging, and production environments.
* Orchestrated deployments on an on-premises OpenShift cluster via Kubernetes manifests, enabling rolling updates, health-check probes, and self-healing pod management.
* Streamlined CI/CD pipelines in Jenkins, chaining together RSpec unit tests, security-scanning tools, and artifact promotions to enforce quality gates at every stage.
* Hardened service security with OAuth2 integration against Azure Active Directory, combined with AES-256 encryption of sensitive payloads both in transit and at rest.
* Instrumented application performance using Micrometer and a Rails metrics exporter, feeding Prometheus with latency, throughput, and error-rate statistics visualized through Grafana dashboards.
* Facilitated post-incident retrospectives by analyzing Splunk log aggregates and Kubernetes events, documenting root causes, and implementing Resilience4j circuit breakers to bolster fault tolerance.

**Client: TecPMS , India Jan 2019 -May 2020**

**Role: Frontend Developer**

**Responsibilities:**

* Crafted dynamic UI components with React to visualize project milestones, progress indicators, and timeline charts, enabling stakeholders to quickly assess status briefly.
* Integrated seamlessly with backend REST endpoints collaborating closely with API teams to retrieve real-time task assignments and employee metrics for display in dashboard widgets.
* Leveraged Firebase Cloud Messaging to push instant alerts when tasks change state or deadlines approach, ensuring users receive timely notifications across devices.
* Employed Redux Toolkit to centralize application state securely, managing sensitive project data such as confidential timelines and user permissions with immutable, predictable reducers.
* Designed responsive layouts using CSS Grid and Flexbox to guarantee a polished experience on screens of all sizes—from large desktop monitors to smartphones without sacrificing usability.
* Optimized rendering performance by profiling component lifecycles and memorizing heavy computations, cutting initial page-load time by over 30% and eliminating unnecessary re-renders.
* Engaged in Agile rituals—daily stand-ups, backlog refinement, and sprint retrospectives—to maintain clear communication on feature scope, deliverables, and potential roadblocks.
* Troubleshot complex UI defects using Chrome and Firefox developer tools, network logging, and custom debugging hooks to rapidly isolate and resolve issues before production releases.
* Translated Figma prototypes into pixel perfect React components, adhering strictly to typography,colour palettes, and spacing guidelines to preserve the designer’s original vision.
* Ensured accessibility compliance by implementing ARIA attributes, keyboard navigation flows, and colour-contrast checks in accordance with WCAG 2.1 standards.
* Authored a library of reusable components buttons, cards, modals, and form inputs—to enforce design consistency and accelerate development of future features.
* Implemented robust error-handling with conditional rendering and React error boundaries, gracefully recovering from component failures and displaying user-friendly messages.
* Collaborated with UX researchers to run usability tests and feedback workshops, iterating on interface layouts and interaction patterns based on real user insights.
* Configured environment-specific variables and client-side routing in React Router to support distinct staging and production endpoints, simplifying deployment workflows.
* Documented comprehensive component guides including prop definitions usage examples and data model mappings in Confluence to streamline onboarding and cross-team knowledge sharing.Bottom of Form

**Client: Tech Mahindra, India June2018 -Dec2018**

**Role: Software Developer Intern**

**Responsibilities:**

* Contributed to the development of a web-based internal project management system using HTML, CSS, and JavaScript.
* Assisted in writing reusable frontend components to improve UI consistency and responsiveness.
* Supported the integration of backend services using RESTful APIs built with Java and Spring Boot.
* Participated in daily Agile stand-up meetings and sprint retrospectives, gaining real-world exposure to software development cycles.
* Created simple data entry and display forms, validating inputs using JavaScript before submission.
* Learned and applied Git workflows for source control and collaborated with the team using GitHub.
* Used Postman and browser dev tools to test APIs and troubleshoot UI and response errors.
* Designed low-fidelity wireframes to visualize UI layouts before implementation.
* Wrote SQL queries to retrieve, update, and manage user data in MySQL.
* Documented functionality, bug reports, and setup instructions to support internal handover and onboarding.
* Worked closely with backend engineers to debug API-related issues and ensure proper frontend data rendering.
* Gained hands-on experience deploying builds to staging environments using basic CI/CD tools.
* Helped configure environment variables and backend routes during development and testing phases.
* Improved application usability by gathering internal user feedback and making design adjustments.
* Shadowed senior developers to understand architecture, microservice communication, and code reviews.

**Education**

**Master of Science, Information Systems**| Wilmington University, USA