

Shrusti Nileshbhai Parmar | Software Engineer - Full Stack

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SUMMARY

Software Engineer - Full Stack with 4 years of experience delivering reliable, regulated, and customer-impacting applications across fintech and enterprise environments. Demonstrated progression from execution-focused roles to ownership of critical workflows, data-intensive processes, and production stability. Proven ability to translate business and compliance requirements into scalable solutions while collaborating effectively with cross-functional teams to meet delivery commitments.

TECHNICAL SKILLS

Programming Languages: Java, Kotlin, JavaScript (ES6+), TypeScript, Python, SQL
Backend & API Development: Spring Boot, Node.js, Express.js, RESTful APIs, GraphQL, Microservices Architecture, OAuth2, JWT
Frontend Engineering: React.js, Angular, HTML5, CSS3, Tailwind CSS, Bootstrap, Responsive Design, Web Accessibility (WCAG)
Databases & Data Management: PostgreSQL, MySQL, MongoDB, Redis, Query Optimization, Indexing Strategies, Transaction Handling
Cloud Platforms & DevOps: AWS (EC2, S3, RDS, EKS), Docker, Kubernetes, Terraform, CI/CD Pipelines, Linux
Testing, Quality & Observability: JUnit, Jest, Cypress, Postman, Unit Testing, Integration Testing, Logging, Monitoring, Distributed Tracing
Collaboration & Engineering Tools: Git, GitHub, Jira, Confluence, Trello, Slack, Agile/Scrum, Code Reviews

PROFESSIONAL EXPERIENCE

Wave Financial Inc., ON, Canada **Mar 2025 - Present**

Software Engineer - Full Stack

- Delivered enterprise banking features by developing Kotlin-based service components and Angular interfaces, supporting 2 internal credit workflows and reducing manual processing time by 18% across regulated financial applications.
- Established secure service integrations using OAuth2, JWT, and internal gateways, enabling authenticated access for 5 downstream systems while maintaining compliance with PCI-DSS and Capital One security standards.
- Optimized transactional data handling using PostgreSQL indexing and query tuning, improving batch processing efficiency by 26% for daily account reconciliation jobs exceeding 900K financial records.
- Drove development of to cloud-native platform reliability by configuring Kubernetes workloads and Terraform-managed infrastructure, supporting 4 environments and improving deployment consistency while reducing configuration drift incidents by 33%.
- Enhanced observability by integrating distributed tracing, structured logging, and performance dashboards, reducing mean incident investigation time from 90 minutes to under 55 minutes for production banking services.
- Partnered with risk, product, and platform engineering teams to deliver 20+ sprint commitments on schedule, translating regulatory requirements into technical solutions supporting secure customer-facing financial workflows.

Simform Software LLP, India **May 2022 - Nov 2023**

Software Engineer - Full Stack

- Advanced from task-based execution to feature ownership by delivering scalable full stack solutions using Node.js, React, and TypeScript, independently completing 4 end-to-end features across fintech and SaaS client projects.
- Designed and implemented backend services with Express and NoSQL databases, handling 120K+ monthly records while improving API throughput by 27% through Reworked data models and asynchronous processing patterns.
- Built reusable front-end modules with React Hooks and state management, contributing to 20+ production screens and reducing UI rework cycles by 35% through improved component consistency.
- Deployed containerized applications using Docker and AWS services, supporting 6 staging and production environments while improving deployment reliability and reducing environment related failures by 40%.
- Strengthened application quality by writing unit and integration tests with Jest and Postman, increasing automated test coverage from 45% to 75% and reducing regression issues across quarterly releases.
- Collaborated directly with product managers and QA lead to refine requirements, estimate timelines, and deliver 30+ sprint deliverables on schedule, demonstrating progression toward ownership and cross-functional accountability.

Cybage Software, India **Jan 2021 - Apr 2022**

Associate Software Engineer

- Contributed to full stack development for Cybage client web platforms by implementing REST APIs in Java and Spring Boot, supporting 6+ modules and improving response latency by 22%.
- Developed responsive UI components using HTML5, CSS3, JavaScript, and Bootstrap, delivering 15+ screens aligned with UX guidelines and reducing front end defects reported during QA cycles by 30%.
- Worked alongside with senior engineers to integrate SQL and MySQL database logic, writing 40+ queries and procedures that improved data retrieval accuracy and supported transaction flows for high traffic applications.
- Sustained Agile delivery at Cybage by participating in sprint planning, daily stand-ups, and code reviews, completing 25+ Jira tasks per quarter while maintaining adherence to internal coding standards.
- Assisted in debugging and production issue resolution using logs and unit tests, resolving 50+ defects across development cycles and improving application stability metrics reported by QA and stakeholders.
- Used Git, Maven, and CI pipelines to manage builds and version control, supporting weekly releases for 3 client projects and reducing integration errors through consistent merge and deployment practices.

EDUCATION

Postgraduate Certificate in Information Technology Solutions | Humber College, Toronto, ON **2024 - 2025**

Bachelor of Technology in Computer Engineering | Charotar University of Science & Technology, India **2018 - 2022**

CERTIFICATIONS

Microsoft Azure Fundamentals (AZ-900) | Android Application Development with Kotlin | Agile and Scrum Fundamentals | Frontend Development Foundations: React.js and Angular | Python Programming – Quick Start