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| Pushpendra vermaTechnical Lead | [pushpendrapv92@gmail.com](mailto:pushpendrapv92@gmail.com) • +65 93577249[www.linkedin.com/in/pushpendraverma1](file:///C:\Users\Sandy\Documents\Resumes\www.linkedin.com\in\pushpendraverma1) • Singapore |
| Experienced Project Technical Lead with 11 years of expertise. Strong hands-on background in Java, Spring Boot, concurrency, system troubleshooting, and DevOps integration. Skilled in leading technical assessments, refactoring large-scale systems, and driving operational excellence in high-demand environments such as banking and insurance. | |
| Key Skills & TechnologiesProgramming & Frameworks: Java (8–17), Python, Spring Boot, FastAPI, Node.js, ReactJSArchitecture: Microservices, Distributed Systems, API Specifications, OLTP/OLAP PipelinesCloud & DevSecOps: Azure, AWS, Kubernetes, Docker, Terraform, Jenkins, GitLab CI, Bitbucket Pipelines, SonarQubeData & AI: Event-driven APIs, Real-time Processing, AI-driven applications, SQL/NoSQL (PostgreSQL, Cosmos DB)Leadership & Consulting: Client Advisory, Solution Architecture, Stakeholder Management, Team Mentorship, Agile Delivery | |
| Professional ExperienceOne North Consulting May 2024 - Present Lead Engineer  **Project**:  **Prue Journey:** A digital platform to streamline and manage the end-to-end insurance policy purchase journey.   * Leading the refactoring and performance optimization of a high-throughput insurance platform on AWS. * Designed and implemented microservices using Java 17, Spring Boot, and secured integration with external APIs. * Conducted system architecture assessments, optimized backend services, and tuned performance for sustained RPS targets. * Collaborated across frontend (ReactJ), and DevOps teams for end-to-end delivery.   Tech Stack: Java 17, Spring Boot WebFlux, Microsoft Azure, ReactJS, | |
| HCL Technologies, SingaporeTECHNICAL LEAD | August 2022 — May 2024 |
| Project: UOB – Online Banking Platform   * Led the design, development, and maintenance of UOB’s digital banking platform, ensuring scalability, performance, and security. * Modernized legacy modules into cloud-native microservices using Spring Boot and deployed on Kubernetes, improving system resiliency and reducing deployment time. * Conducted deep-dive analysis on backend latency, concurrency bottlenecks, and memory issues, achieving significant performance improvements. * Collaborated with DevOps to build CI/CD pipelines on Jenkins, automating deployments across Kubernetes clusters.   Project: GOS and CRM – Client: Bank Julius Baer   * Migrated legacy EJB-based APIs to Spring Boot microservices, enhancing performance, scalability, and maintainability. * Deployed services in containerized environments (Docker, Kubernetes) with centralized logging and monitoring. * Provided L3 production support for CRM modules, resolving critical issues within SLA to ensure uninterrupted business operations. * Partnered with cross-functional teams to optimize pipelines and improve system reliability.   Tech Stack: Java 11+, Spring Boot, Kubernetes, Redis, Docker, Jenkins, Azure DevOps | |
| HCL Technologies, PuneTECHNICAL LEAD | May 2020 — August 2022 |
| Project: Product Buffet (Credit Suisse)  Description: Developed a platform for relationship managers to showcase product details (funds, equity, insurance) with graphical history and real-time updates.   * Spearheaded backend services for financial product insights at Credit Suisse. * Tuned PostgreSQL queries and applied indexing strategies to support millions of data transactions. * Produced technical artifacts: sequence diagrams, high-level designs, and API contracts. * Supported short lead service agreements (LSAs) by rapidly identifying and resolving incidents.   Responsibilities & Achievements:  • Developed reactive, event-driven APIs using Spring web Flux, ensuring non-blocking, scalable backend services • Implemented Reactive Programming principles to handle concurrent requests efficiently and improve system responsiveness • Ensured security compliance, following best practices for cloud security and data protection. • Set up CI/CD pipelines, automating builds, testing, and deployments for seamless software delivery. • Monitored performance using CloudWatch & Azure Monitor, identifying and resolving bottlenecks proactively. • Developed robust APIs for product data retrieval, ensuring seamless integration with frontend components. • Worked in an Agile environment, contributing to sprint planning, retrospectives, and daily stand-ups. • Integrated multiple modules, ensuring smooth data flow between product details, graphical history, and reporting features. | |
| Tech Mahindra Ltd, PuneSenior Software Engineer | February 2019 — May 2020 |
| **Project**: Acumens - Platform for creating and managing machine learning and programming projects. Supports Java, Python, JavaScript, R, and more.  **Tech**: Core Java, Spring, Jenkins, Maven. Responsibilities: Develop APIs, work in Agile, create and integrate modules, maintain daily builds, create installers and JARs, and set up Jenkins CI jobs. | |
| Rolta India Pvt Ltd, MumbaiProduct Developer | October 2017 — February 2019 |
| **Project: Department of Labour (Pares Haram)**- Manages Labour Department operations, including form submissions for new employers and contractors.  **Tech**: Core Java, Spring, Gradle, AngularJS, Bootstrap, HTML, Liferay. Responsibilities: Create portlets, services, dashboards, integrate Aadhar for user verification, design/troubleshoot applications, work in Agile, develop and integrate modules, and build web pages. | |
| Capgemini India Pvt Ltd, MumbaiAssociate Consultant | September 2014 — October 2017 |
| **Project: Total**- Managed questionnaire forms for company employees based on designation and department.  **Tech**: JDBC, Java, J2EE, Servlet, JSP, Apache Tomcat. Responsibilities: Analyze user requirements, develop code, create new transformations and technical specs, and collaborate with teams across locations to resolve issues. | |
| EducationB.tech RGPV University, Bhopal | |