PRABAL SAXENA

Sarnia, ON, CA N7S 4B4 | +1(437) 977-3419 | prabalsaxena64@gmail.com | [LinkedIn](#) | [Portfolio](#) | [GitHub Repo](#)

PROFILE SUMMARY

Software Developer with 6+ years of experience **architecting and modernizing enterprise-grade systems** across **GCP and Azure**. Specialized in **Java 17, Spring Boot, and microservices**, with a track record of reducing deployment times by 70% and achieving **zero-downtime releases** through automated CI/CD pipelines.

Experienced in **technical leadership, solution design, and cross-team collaboration** to deliver secure, scalable, and cloud-optimized systems aligned with business outcomes.

TECHNICAL SKILLS

Backend & Frontend Programming Languages: Core Java 17, C#, Python**,** HTML, CSS, JavaScript

Cloud technologies & IDEs: GCP (Google Cloud Platform), Azure, Confluence, IntelliJ, VS Code

DevOps, CI/CD & Containerization: Google Kubernetes Engine, Docker, HELM Charts, Terraform, Azure DevOps, GitHub, Bitbucket, Jira

Frameworks & Databases: Spring Boot, REST API, Microservices, JPA, Collections, Apache Tomcat, PostgreSQL, SQL Server

Architectural Concepts: Data Structures, Algorithms, Java Application Architecture Design, Blue Green Design Pattern

PROJECT (E-Commerce Website) –Visit my [Portfolio](#) for detailed case studies and project highlights

Built a **fully responsive e-commerce system** from the ground up using **JavaScript/HTML** and **microservices architecture**. The high-availability design, featuring **load balancing**. Implemented a fully automated CI/CD system using Github, HELM, Terraform & GKE.

WORK EXPERIENCE

GCP Cloud Java Developer | Deutsche Bank | Pune, MH, India   *Jan 2023 – June 2024*

- Led migration of 6+ enterprise-grade applications from on-prem to **Google Cloud Platform**, delivering zero-downtime releases through automated **blue/green deployments** using **Helm Charts, Kubernetes, and Docker**.
- Modernized legacy systems with **Java 17 and PostgreSQL** resulted in reliable code for long term support & reduced deployment time by **80%** via CI/CD pipelines integrated with **GitHub Actions** & eliminated old TeamCity tool dependency.
- Designed **Istio service mesh** to optimize **gateway performance and access control**. Achieved a **70% improvement** in both microservice interaction efficiency and security posture by leveraging **Key Management Service (KMS)** cryptographic concepts.
- Integrated **monitoring and alerting systems** with **GCO, Prometheus, and Grafana**, improving incident detection accuracy by **60%**.
- Implemented production-readiness checklists, improving release success rate by **99.8%** across multiple SDLC environments.
- Enhanced code quality via **JUnit, JMeter, and Serenity test frameworks**, ensuring reliable automation in CI/CD pipelines.
- Integrated **Swagger-based REST API documentation** for cross-application systems such as **credit scoring** and **notification services**, improving interoperability and developer efficiency.

Azure Cloud Developer | Deloitte USI | Bangalore, KA, India   *Oct 2021 – Jan 2023*

- Engineered cloud-native services like **Azure APIM, Function Apps, Azure Service Bus, Web Apps, and AKS** to replace legacy event-driven systems & increased event processing speed by **70%**.
- Built Spring Boot REST APIs for a large-scale car insurance platform, enhanced scalability and uptime during high traffic periods.
- Automated document processing pipelines using Azure Functions apps and Java, improving **accuracy to 98%** and cutting manual intervention time by 50%.
- Led knowledge transfer and maintenance sessions with cross-functional teams, ensuring smooth operations and contributed to sprint planning and technical debt prioritization within agile ceremonies.

Azure Cloud Development & Support | Microsoft (Contract) | Bangalore, KA, India   *May 2020 – Sep 2021*

- Resolved 150+ Tier 3 production issues across **Azure PaaS and SaaS** environments, maintaining **100% SLA compliance**
- Conducted advanced diagnostics using tools such as **Application Insights, Fiddler, and Wireshark** to pinpoint and remediate root causes.
- Provided architectural guidance to clients with **Azure networking, storage, CDN, and function integration to enhance application availability, Certificate-based authentication and compliance** ensuring optimal deployment, configuration, and security measures.

Full Stack Developer | X.TRA.TECH Services | Bangalore, KA, India   *Apr 2019 – Apr 2020*

- Developed and maintained a Flight Booking Platform using Java 8, JavaScript, AJAX, and SQL Server, reducing page load time by 35% and improving transaction success rate.
- Integrated third-party APIs for payments and travel services, increasing customer feature adoption by **40%**.
- Diagnosed and fixed a critical production bug in the payment gateway, directly preventing potential revenue loss.

Java L3 Support | Infosys Ltd | Pune, MH, India   *Feb 2018 – Apr 2019*

- Delivered full lifecycle **L3 production supports** Java-based enterprise systems, **achieving zero unresolved escalations**.
- Automated monitoring workflows that reduced manual ticket triage time by **50%** and prevented downtime incidents.
- Partnered with global teams to resolve system-level defects and implement performance enhancements in production.

EDUCATION & CERTIFICATION

Postgraduate Diploma | Full Stack Software Development | *Lambton College* | Sarnia, ON, Canada   *September 2024 – April 2026*

Bachelor of Engineering | Computer Science| *LNCT College* | Bhopal, MP, India   *May 2013 – May 2017*

Certifications:

- **Associate Cloud Developer** | Google Cloud Platform (Valid: Jun 2024 – Jun 2027)
- **Prompt Design in Vertex AI |** Google Cloud Platform (2024)