

PRABAL SAXENA

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

PROFILE SUMMARY

- Software Developer with **6+ years of programming experience** in major languages like Java 17, C#, and Python and cloud technologies.
- Worked on GCP and Azure app migration projects. **Achieved 80% efficiency by automation using Terraform, GitHub CI/CD & Helm.**
- I am immensely confident in developing RESTful APIs/microservices with Spring Boot & PLSQL scripts. Background includes full stack software development with Java 17, ASP.NET and production support activities.
- With extraordinary technical, planning & communication skills, I would like to contribute in your organization's innovative solutions.

TECHNICAL SKILLS

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

Cloud technologies: GCP (Google Cloud Platform), Azure

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

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

Tools & IDEs: Jira, Confluence, IntelliJ, VS Code

Soft Skills: Good oral and written communication skills, Teamwork & Collaboration, Strong analytical and interpersonal skills

WORK EXPERIENCE

GCP Cloud Java Developer | Deutsche Bank | Pune, MH, India

Jan 2023 – June 2024

- Engineered and executed a comprehensive migration of on-premises infrastructure to GCP.
- Rewrote legacy apps in Java 17/PostgreSQL with **100% accuracy in JUnit tests**. Streamlined deployment by **80%**, moving from TeamCity/DAP to a **GitHub pull request workflow** via GCP.
- Designed end-to-end software development life cycle (SDLC) checks for production readiness, converting business requirements into technical specifications and deploying system enhancements to production.
- Implemented secure CI/CD pipelines using generic Helm charts, google Kubernetes blue-green deployment strategy for minimal downtime during deployments. Achieved by using Kubernetes, Git for version control, HELM & Docker for automation.
- Deployed the **Istio service mesh** to optimize **gateway performance and access control**. Achieved a **70% improvement** in both efficiency and security posture by leveraging **Key Management Service (KMS)** cryptographic key concepts for secure communication and secret management.

Azure Cloud Developer | Deloitte USI | Bangalore, KA, India

Oct 2021 – Jan 2023

- Engineered and executed a comprehensive migration of on-premises infrastructure to Azure. Rewrote legacy REST APIs in Java 17 and Spring Boot for a car insurance web application.
- Designed cloud-native applications like Azure Function Apps for event driven tasks helped **increase event processing by 70% as compared to solace queues**, Web Apps for small applications needed minimal downtime & scalability during peak, Web Jobs for scheduled tasks & AKS Kubernetes for connected microservices.
- Implemented automation code for document image scan, data analysis & updates to database with **98% accuracy**.
- Knowledge transfers to cross teams for preventative and corrective maintenance, troubleshooting and fault rectification of system and core software components.

Azure Cloud Development & Support | Microsoft (Contract) | Bangalore, KA, India

May 2020 – Sep 2021

- Provided **Tier 3 technical consultation** and **critical incident management** for highly complex, production-impacting issues across **Azure PaaS and SaaS** environments, consistently achieving **100% SLA compliance**. Specialized in rapidly diagnosing and resolving complex application failures, including **Azure Function App outages** and **Web App downtime**, by leveraging advanced debugging and monitoring tools such as **Application Insights, Fiddler, and Wireshark** to pinpoint and remediate root causes.
- Delivered expert architectural strategies and actionable technical recommendations to clients, ensuring optimal deployment, configuration, and security. Systematically resolved specialized issues related to **Content Delivery Networks (CDN)**, traffic management, and custom domains, while leveraging deep knowledge of core Azure infrastructure components, including Virtual Network Integration, Private/Service Endpoints, and Storage Account management, to ensure secure and optimized client connectivity.

Full Stack Developer | X.TRA.TECH Services | Bangalore, KA, India

Apr 2019 – Apr 2020

- Engineered and maintained a **monolithic Flight Booking Application**, managing the full development lifecycle from database optimization (**designing and tuning SQL Server Tables/Views/Stored Procedures**) to implement advanced frontend features using AJAX and JavaScript for superior UX, eliminating page reloads during API calls.
- Drove core application functionality by successfully **integrating and managing third-party APIs** (e.g., insurance, bus services) and ensured high system integrity by **resolving a critical production payment gateway flaw** with faulty redirection logic, directly protecting revenue flow and maximizing application uptime.

Java L3 Support | Infosys Ltd | Pune, MH, India

Feb 2018 – Apr 2019

- **Managed end-to-end resolution** of complex, client-impacting incidents for critical business applications, providing **Level 3 technical support** from initial business analysis through final deployment of the fix.
- Maintained optimal application health by **monitoring key performance indicators (KPIs)** and addressing system alerts, preventing potential outages and performance degradation with 100% accuracy & efficiency.

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

Associate Cloud Developer | Google Cloud Platform

June 2024 – June 2027

Prompt Design in Vertex AI | Google Cloud Platform