# BISHAL POUDEL

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## PROFESSIONAL SUMMARY

Full Stack Software Engineer with 3+ years of experience building scalable microservices and interactive enterprise applications at SAP. Strong expertise in Java, Spring Boot, Angular, distributed systems, and performance optimization, with hands-on experience developing LLM-powered multi-agent systems and MCP-based orchestration platforms.

## TECHNICAL SKILLS

**Languages:** Java, TypeScript, JavaScript, Python

**Backend & Distributed Systems:** Spring Boot, REST, gRPC, Microservices, Apache Kafka

**Frontend:** Angular, React

**Databases:** MongoDB, PostgreSQL, MySQL

**Cloud & DevOps:** AWS, Azure, Docker, Kubernetes, ArgoCD, CI/CD (GitOps)

**AI & GenAI:** LLM Integration, Multi-Agent Systems, MCP Protocol, Prompt Engineering, Gemini APIs

**Core Foundations:** Data Structures & Algorithms, System Design, SOLID Principles

## PROFESSIONAL EXPERIENCE

**SAP —** Software Developer                                                                                         Aug 2023 – Present
Hybrid – Bangalore

- Built and scaled full-stack enterprise features across SAP Sales Cloud and Business Network platforms, serving 5,000+ active users and global B2B customers.

- Enabled 50+ enterprise customer go-lives by architecting a metadata-driven Dynamic Properties framework allowing administrators to configure field visibility, validation, and UI behavior without code deployments.

- Reduced end-to-end mobile API latency by up to 6× by re-architecting service orchestration (≈30 downstream REST calls per action) and migrating to gRPC-based inter-service communication.

- Increased system scalability and resiliency by implementing Kafka-based asynchronous event pipelines for order, invoice, and CRM workflow processing, reducing synchronous service dependencies.

- Designed role-based dynamic layout configuration enabling UI personalization based on organizational hierarchy and CRM roles (Sales, Marketing, Managers).

- Managed Kubernetes-based deployments using ArgoCD (GitOps), improving release reliability and ensuring consistent CI/CD-driven rollouts across environments.

**Imark Digital** — Software Engineer                                                                          Jan 2023 – Jun 2023
Hybrid – Kathmandu

- Secured transactions for 60,000+ banking users by implementing AES-based encryption in POS systems adopted by 10+ financial institutions.

- Implemented digital signature verification to ensure transaction authenticity and regulatory compliance across banking integrations.

**HighRadius** — Full Stack Developer                                                                        Jan 2022 – Apr 2022
Remote – Hyderabad

- Developed and deployed AI Enabled Fintech B2B cloud Application

## AI & GENAI HACKATHONS

- **AI Connect with Google — Smart Hiring Agent (MCP-based AI Platform)**  Feb 2026
  Automated resume screening and candidate ranking by developing an MCP-based multi-agent hiring system integrating LLM-driven parsing, LinkedIn enrichment, and email orchestration and AI Interview.

- **Google Cloud Agentic AI Day – Multimodal Agri AI Agent**  Aug 2025
  Developed a voice-first AI assistant using Gemini models for crop disease detection, real-time market insights, and government scheme navigation with regional language support.

- **HCLTech – AI-driven Treasury Risk Platform**  Mar 2025
  Built ML-based forecasting models for exchange and interest rates, integrating real-time financial data, sentiment analysis, and automated risk alerts.

- **Google – GenAI Demand Sensing System**  Sep 2024
  Designed an intelligent inventory management solution leveraging GenAI demand forecasting and LLM-powered analytics to optimize stock and sales performance.

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## EDUCATION

BITS Pilani  Aug 2023 – Jun 2025
M.Tech, Software Engineering

Chandigarh University  Jul 2019 – Jun 2023
B.E., Computer Science & Engineering

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## HONORS & AWARDS

- **All India Finalist** — Google Cloud Agentic AI Day 2025 (Top finalist among 700+ teams)
- **Runner-up** — SAP Invent for Customer 2025 & 2024 (HCLTech & Google Editions)
- **Innovation Champion (C4C Admin)** — SAP, Q3 2025
- **Full Scholarship Recipient** — Awarded based on Entrance Examination Rank (Grades 11–12)
- **District Topper** — Secondary Education Examination (SEE), Nepal
- **Merit-based Scholarship Recipient** — NEB & Chandigarh University