

PIYUSHRAJ BISTA

Full Stack Developer | Team Lead

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PROFESSIONAL SUMMARY

Results-driven Full Stack Developer and Team Lead with 4+ years of progressive experience architecting and delivering scalable enterprise web applications. Demonstrated expertise in .NET, React, Next.js, and Microsoft Azure, with a strong record of leading cross-functional teams, optimizing backend systems, and driving digital transformation initiatives. Adept at translating complex business requirements into elegant technical solutions, with a proven commitment to Agile delivery, cloud cost optimization, and mentor-driven team development.

TECHNICAL SKILLS

Languages: C#, JavaScript, TypeScript, Python

Frameworks & Libraries: .NET 7/8/9, React, Next.js, Angular, Node.js

Databases: PostgreSQL, Microsoft SQL Server, Dataverse

Cloud & DevOps: Azure App Services, Azure Functions, Supabase, Azure DevOps

Tools & Platforms: Git, Figma, JIRA, Dynamics 365, Power Apps, Power Automate, Agentic AI

Methodologies: RESTful API Design, Agile/Scrum, UI/UX Integration, JWT Authentication, MSAL

PROFESSIONAL EXPERIENCE

Full Stack Developer

March 2025 – Present

Tekkon Nepal, Bahuwatar, Kathmandu | Partner: Plancare Australia

- Develop and maintain enterprise-grade features for an Australian age care management platform in compliance with Australian Government regulatory standards.
- Collaborate directly with international clients and stakeholders to define requirements, resolve technical dependencies, and ensure timely, specification-compliant delivery.
- Design, build, and maintain full-stack features utilizing .NET, React, Angular, and SQL Server across a complex, multi-module application ecosystem.
- Perform systematic bug diagnosis and resolution, ensuring platform stability, performance, and a seamless end-user experience.

Product Engineer

April 2024 – February 2025

ITsutra Inc., Kuleswor, Kathmandu

- Spearheaded the end-to-end migration of a legacy application to Dynamics 365 Power Apps, significantly improving operational efficiency and user adoption.
- Engineered performance improvements through advanced caching strategies, fast lookups, and optimized Azure cloud service utilization, reducing response times substantially.
- Established comprehensive logging and monitoring infrastructure for Azure App Services and Azure Functions, improving system observability and minimizing production incidents.
- Elevated application security by implementing JWT authentication for RingCentral integration and migrating user authentication to MSAL React.
- Designed and delivered a Sales Ranking Dashboard, providing the sales organization with real-time actionable insights to drive revenue growth.
- Automated complex business workflows using Power Automate and Agentic AI, eliminating repetitive manual processes and accelerating operational throughput.
- Mentored junior developers through structured code reviews and technical guidance; collaborated with DevOps to identify and execute cloud cost reduction initiatives.

Full Stack Developer & Project Manager

March 2023 – April 2024

Waterflow Technology Pvt. Ltd., Kathmandu

- Led full-cycle development of the Tradeflow platform, architecting RESTful APIs and seamlessly integrating frontend components using React and Next.js and payment service.

- Resolved high-priority technical blockers through systematic root-cause analysis, ensuring project continuity and on-time feature delivery.
- Managed the Naasa Mess project end-to-end using Agile methodologies and JIRA, overseeing sprint planning, backlog prioritization, and team velocity.
- Coordinated cross-functional teams to synchronize development, design, and QA efforts, consistently delivering project milestones within scope and budget.
- Served as the primary client liaison, translating business goals into actionable technical roadmaps and maintaining strong stakeholder relationships throughout the project lifecycle.

Technical Advisor (Part-Time)

September 2022 – January 2023

Bharnaa.com

- Provided strategic technical advisory on development architecture, ensuring alignment with long-term business objectives and scalability requirements.
- Proposed and implemented targeted improvements to product scalability and user experience, contributing to measurable growth in platform performance.
- Drove adoption of Agile methodologies across development teams, improving sprint predictability and delivery cadence.
- Leveraged REST APIs and Spring Boot to enhance platform functionality, collaborating with design and product teams using Figma and Google Workspace.

Co-Founder

September 2021 – August 2022

Autovity Tech

- Co-founded a technology startup, driving product innovation from concept to prototype through strategic planning and agile execution.
- Developed foundational competencies in business development, team leadership, and end-to-end product management in a high-growth, resource-constrained environment.

Backend Developer Intern

April 2021 – August 2021

Citytech Global Pvt. Ltd., Kathmandu

- Developed and maintained production-grade RESTful APIs using Java and the Micronaut framework, delivering reliable backend services under senior engineer supervision.
- Collaborated within an Agile development team to integrate backend services and build foundational competencies in scalable application architecture.

EDUCATION

Bachelor of Information Technology (Honours)

2017 – 2022

Padmashree College, Tinkune, Kathmandu, Nepal

CORE COMPETENCIES

Technical Leadership & Team Mentorship • Enterprise Application Architecture • Client Relationship Management • Agile Project Delivery • Cloud Infrastructure Optimization • Cross-Functional Collaboration • RESTful API Design • CI/CD Pipelines • Multi-stakeholder Communication • Process Automation