Rabin Maharjan

CTO @ Beautron.AI · AI Product Engineer — LLM Agents, RAG, Full-Stack

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Summary

CTO at Beautron.AI with 13+ years of software engineering experience. I help companies turn AI from a demo into a product people actually use. I moved from architecting enterprise .NET and Azure microservice platforms to shipping LLM-powered systems in production, including agentic AI layers, multi-agent automation fleets and omnichannel messaging. I have led and mentored remote engineering teams across time zones for more than a decade, owning both technical direction and delivery.

Track record

- 13+ years architecting scalable microservice platforms on ASP.NET Core and Azure.
- 30% lower operating costs from automating core business processes.
- Built a 22-agent marketing automation fleet with a weekly orchestrator and a self-improving prompt library.
- Secure payments and travel integrations with Stripe, Authorize.net and HotelPlanner.
- Led and mentored distributed engineering teams across US, European and Asian time zones.

Experience

Chief Technology Officer · Beautron.AI · Tucson, Arizona (remote) Jun 2026 – Present

Technology and AI strategy for an AI-assisted event-planning platform serving destination management companies (DMCs).

- Architected a five-layer agentic AI-assistance layer on an ASP.NET Core platform, from architecture spec to production.
- Built a 22-agent marketing automation fleet coordinated by a weekly orchestrator, with a self-improving prompt library.
- Designed an AI-agent UI QA method in which an embedded assistant runs UI interactions under automated observation.
- Delivered premium eProposal redesigns backed by a reusable theme-generation system.
- Leading CRM and campaign features: contact segmentation, email/SMS campaigns and delivery tracking.

Senior Software Engineer · e-DestinAccess Inc. · Tucson, Arizona (remote) Jul 2015 – Jun 2026

- Architected .NET Core microservice platforms with a focus on scalability, performance and security.
- Built and maintained REST APIs on ASP.NET Core with SQL Server and Azure SQL.
- Automated key business processes, cutting operating costs by 30%.
- Integrated Stripe, Authorize.net and HotelPlanner for secure transactions.
- Delivered Azure-hosted document management and real-time transaction monitoring.
- Mentored junior developers, set coding standards and led remote code reviews.

Senior Software Engineer / Team Lead · Exolutus · Kathmandu, Nepal Feb 2013 – Oct 2016

- Led a team building custom web applications and business systems for clients.
- Developed with ASP.NET, C# and SQL Server; designed and optimised database schemas.
- Ran code reviews, task planning and mentoring.
- Worked directly with clients from requirements through delivery.

Selected projects

Omnichannel messaging platform — one inbox for WhatsApp, Messenger and Instagram conversations.

DestinDIY — cloud event and travel management SaaS with booking, CRM, analytics and secure payments, plus an embedded AI agent that helps users navigate and coordinate events. ASP.NET, Azure, SQL Server, Redis, LangChain.

Aspective Pro — multi-tenant B2B networking platform with a database per organisation and AI services for CV matching, rating and content generation. Node.js, Azure, SQL Server, MongoDB.

Samsung Nepal Store — event-driven e-commerce platform with payment gateways, inventory and real-time order tracking. Node.js, TypeScript, PostgreSQL, RabbitMQ.

Benline Ship Management (B-SMS) — cloud ship management system centralising information for employees, crews and agents. React, TypeScript, Python, PostgreSQL.

Skills

AI	LLM agents, RAG, LangChain, agent orchestration
Back end	Node.js, NestJS, Python / FastAPI, C# / .NET
Front end	React, Next.js, TypeScript
Data & Cloud	PostgreSQL, SQL Server, Azure, CI/CD
Leadership	Fractional CTO work, architecture reviews, remote team mentoring

Education

Bachelor of Computer Applications (BCA), 2010 – 2013
Lord Buddha Educational Foundation / Makhanlal Chaturvedi National University of Journalism and Communication, Bhopal

Certification & languages

Generative AI Application
Languages: English, Nepali