Sanjeev Kuikel

Backend Developer | Node.js, TypeScript, PostgreSQL, MongoDB, Generative AI

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PROFESSIONAL SUMMARY

Backend developer with 8 months of professional experience at Amnil Technologies (internship and associate engineer role) plus a prior MERN internship. Builds REST APIs with Node.js, Express.js and TypeScript, works with PostgreSQL and MongoDB, and has applied LangChain, LLMs, vector databases and Botpress to build AI-powered chat and automation tools. Familiar with monorepo, microservice and multi-tenant architectures. Follows team coding standards and learns new stacks quickly. Available for immediate joining.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, SQL, HTML5, CSS3
Backend: Node.js, Express.js, LoopBack 4, REST API design, WebSockets, JWT and OAuth 2.0 authentication
Databases: PostgreSQL, MongoDB (Mongoose, aggregation pipeline), TypeORM, Redis (caching)
AI and Automation: Generative AI, LLMs, LangChain, ChromaDB, Weaviate, Botpress, OCR, speech-to-text and text-to-speech integrations
Frontend: React, Next.js (learning), Svelte (basic)
Tools and Practices: Git, GitLab, Postman, Winston and Morgan logging, monorepo structure, microservices, multi-tenancy

PROFESSIONAL EXPERIENCE

Associate Software Engineer (Probation) | Amnil Technologies Pvt. Ltd., Lalitpur

May 2025 – September 2025

- Built the backend of an AI-powered GitLab ticket creator using Node.js and LLMs, automating ticket generation from natural-language input.
- Developed backend APIs for a web chat application for a pharmaceutical company.
- Studied and contributed to the Botpress-based company chat application codebase.
- Worked within monorepo, microservice and multi-tenant architectures following company standards and best practices.

Node.js Intern | Amnil Technologies Pvt. Ltd., Lalitpur

February 2025 – May 2025

- Designed and built REST APIs for a blog application, an e-commerce application, a to-do app and an admin panel.
- Implemented authentication using OAuth 2.0.
- Added server logging with Winston and Morgan.
- Improved performance with Redis caching and lazy loading.
- Built a real-time chat application using WebSockets.
- Built chatbots with Botpress and AI applications using LangChain, ChromaDB and Weaviate.

MERN Intern | Neputer Tech Pvt. Ltd., Kathmandu

June 2023 – September 2023

- Developed the backend of an e-commerce application using Node.js, Express.js and MongoDB.
- Implemented REST APIs and used advanced MongoDB features such as aggregation.
- Learned the MERN stack fundamentals through hands-on project work.

PROJECTS

E-commerce Backend API | *Node.js, Express.js, MongoDB, JWT*

- Implemented authentication with JWT access and refresh tokens.
- Built shopping cart APIs (add, edit, delete) and order APIs (create, update).

Generative AI Applications | *Python/JavaScript, LangChain, LLMs, OCR*

- Built an image caption generator, an OCR-based image summarizer, a voice-to-text summarizer and an email template generator.

Botpress Chatbots | *Botpress, Telegram API*

- Created Telegram chatbots and a health advisor bot.

Blog Application API | *Node.js, Express.js, MongoDB*

- Built CRUD operations and user authentication.

EDUCATION

Bachelor of Science in Computer Science and Information Technology (BSc CSIT)
Tribhuvan University, Institute of Science and Technology | 2018 – 2023 | 64.19%

ADDITIONAL INFORMATION

Languages: Nepali (native), English (professional working), Hindi (basic)
Computer Skills: Microsoft Office, Google Workspace, Adobe Photoshop, Microsoft Teams
Other: Enumerator, Central Bureau of Statistics (National Census), March 2025