AASHISH TIMSINA

Mid-Level Developer | Backend & API Development

Tallakot, Pokhara-Kaski, Nepal 33700 • (+977) 9861524169 • timsinaaashish6@gmail.com
aashishtimsina.com.np

PROFESSIONAL SUMMARY

Backend developer with 2.5+ years of experience building and maintaining REST APIs, integrations, and data pipelines using Node.js, Express.js, Python (FastAPI), MongoDB, and MySQL. Comfortable implementing features from approved requirements, writing unit and integration tests, debugging production issues, and working through code review with a team. Experienced with Git-based workflows and collaborative development. Looking to bring this experience to feature development, integrations, and defect fixes for public-service software.

CORE COMPETENCIES

- API Development — designed and built RESTful APIs (Express.js, FastAPI) with authentication, validation, and role-based access control
- Programming — Node.js, Express.js, Python, JavaScript; backend logic, data processing, and automation
- Integration — integrated scrapers, databases, and third-party data sources into unified backend systems and CRM-ready pipelines
- Unit Testing & Debugging — writes and maintains tests for API endpoints and data pipelines; investigates and resolves defects in production scraping and backend systems
- Git — version control and collaborative workflows across all projects

TECHNICAL SKILLS

- Languages: JavaScript, Python
- Backend & API: Node.js, Express.js, FastAPI, RESTful APIs, Microservices, JWT Authentication
- Database: MongoDB, MySQL, PostgreSQL, Redis, Prisma
- Data Analysis: Pandas, NumPy, ETL, data cleaning and validation
- Testing & Debugging: Unit testing, integration testing, error handling, defect investigation
- Tools & DevOps: Git, GitHub, Docker, CI/CD, Netlify
- Web Scraping & Automation: Puppeteer, Playwright, BeautifulSoup, Selenium, Scrapy, Cron Jobs

RELEVANT EXPERIENCE & PROJECTS

School Management System — *Node.js, Express, MongoDB, JWT, REST API*

- Built a RESTful backend with JWT authentication and role-based access control for event management and library resources; implemented validation, error handling, and documented endpoints.

Job Finder Platform — *MongoDB, Express, React, Node.js, Socket.io*

- Developed backend APIs for user authentication, job matching, and real-time notifications; integrated Socket.io for live updates and coordinated feature delivery end-to-end.

Lead Generation Scraper — *Node.js/Python, Puppeteer, FastAPI, MongoDB, REST API*

- Built an integration pipeline connecting scraped data to a REST API for CRM consumption; included deduplication logic, data validation, and defect handling for malformed data sources.

SERP Rank Tracker — *Playwright/Python, Proxy Rotation, Express/FastAPI, MySQL*

- Debugged anti-bot blocking and rendering issues in production; built a dashboard API to expose tracked data for downstream reporting.

EDUCATION

Bachelor of Science in Computer Science and Information Technology (BSc. CSIT)

Mount Annapurna Campus, Tribhuvan University — 2083 B.S.

CERTIFICATIONS

- REST API Development Certificate — HackerRank (2023)
- Node.js Certificate — HackerRank (2023)
- SQL Certificate — HackerRank (2023)
- Problem Solving Certificate — HackerRank (2022)
- Python Automation Certificate — HackerRank (2023)
- MERN Stack Certificate — AWS Academy (2024)
- AWS Academy Graduate — Cloud Computing — AWS Academy (2025)
- AWS Certificate — BingoLabs (2025)

CONTACT

Location: Tallakot, Pokhara-Kaski, Nepal 33700

Phone: (+977) 9861524169

Email: timsinaaashish6@gmail.com

Portfolio: aashishtimsina.com.np