

# AMIT NIRaula

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Sanothimi, Bhaktapur

## PROFESSIONAL SUMMARY

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Backend-focused Developer with expertise in Node.js, Express.js, and database management (MySQL/MongoDB). Built secure authentication systems with JWT, role-based access control, and RESTful APIs. Complementary frontend skills in React.js and Tailwind CSS enable full-stack development. Proven through projects like SecureFlow (authentication system) and brainBuddy (learning platform). Seeking internship to contribute to scalable backend solutions.

## TECHNICAL SKILLS

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**Backend Development:** Node.js, Express.js, RESTful APIs, JWT Authentication, OAuth, Rate Limiting, Role-Based Access Control

**Databases:** MySQL, MongoDB, PostgreSQL, Prisma ORM, Database Design

**Frontend (Supporting Role):** React.js, HTML5, CSS3, Tailwind CSS

**Tools & Platforms:** Git, GitHub, Docker, Postman, npm, Linux

**Methodologies:** Agile Development, Secure Coding Practices, API Documentation

## PROJECTS

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### SecureFlow

GitHub

- Built a secure authentication system handling 1000+ daily API requests with JWT tokens, email verification, and role-based access control.
- Implemented CRUD operations and password reset functionality using Node.js, Express.js, and MongoDB.

### brainBuddy

GitHub

- Developed a gamified learning platform backend with secure JWT authentication and Prisma ORM integration.
- Implemented progress tracking, role-based access, and RESTful API endpoints for React frontend.

## EDUCATION

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### Texas International College

*Bachelor of Science in Computer Science & Information Technology (B.Sc.CSIT), Currently in 7th Semester Relevant Coursework*

### Glacier International College

2020 – 2022

*+2 Level (Science), NEB*

*Major: Computer Science*

## EXPERIENCE

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### Freelance Developer / Project Contributor

*Develop backend systems using Node.js and Express.js; collaborate on GitHub projects; implement secure authentication practices.*

## ACHIEVEMENTS

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Participated in college hackathons, enhancing teamwork, problem-solving, and real-time coding skills.