




# Deephang Thegim

Budanilkantha, Kathmandu, Nepal

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I am a Licensed Computer Engineer with a focus on Fullstack Development, AI/ML, Networking and problem-solving. Always eager to learn, collaborate, and build solutions that make a difference.

## EXPERIENCES

### Application Developer Intern

April 18, 2024 - Aug 20, 2024

SMAIT Technology || SMAIT Software

*Pokhara, Gandaki  
Lisboa, Portugal*

- Developed a beginner-friendly learning app covering hardware, software, AI, programming languages and networking.
- Gained hands-on experience with Provider and Riverpod for state management.
- Integrated Flame engine to build an interactive Ludo game within the app.
- Wrote unit, integration, and widget tests ensuring app stability and reliability.
- Built Management Systems in pure Dart as part of structured learning tasks.
- Worked under constant guidance of a senior developer, receiving regular code reviews and feedback.

### Application Developer Full Time

Aug 24, 2024 - May 14, 2026

Sikincha “सिकिन्छ” Academy || Innovative Techno Consultant Pvt. Ltd

*Gyaneshwor, Kathamandu*

- Migrated state management from Provider to Riverpod, improving scalability.
- Optimized the codebase and established a strong project architecture.
- Ensured both android & iOS compatibility.
- Managed the Play Console process, including testing, releases, and issue resolution.
- Worked on continuous API integrations, feature development, testing, and payment integrations in coordination with the backend team.

### Freelancer Remote

2025 - Present

- Developed full-stack web applications for clients using React, Next.js and Django.
- Built scalable backend services and REST APIs using Node.js and NestJS.
- Managed databases including PostgreSQL, Supabase and Firebase across multiple projects.
- Deployed and managed applications using Docker and AWS.
- Configured and managed domains, DNS settings and CDN via Cloudflare.
- Set up and administered Google Workspace for clients including email, Drive and collaboration tools.
- Handled end-to-end domain registration, hosting setup and production deployment.
- Managed complete project lifecycle from requirement gathering to deployment.
- Built intelligent chatbots for clients using RAG (Retrieval-Augmented Generation) architecture.
- Configured and managed Cisco routers and Wireless Access Points (WAPs) for client network setups.
- Built automation workflows for clients using n8n, integrating multiple services and APIs to streamline business processes.

## EDUCATION

Tripadma Vidyashram Secondary School  
SEE - **Grade - 3.95/4**

2017

*Pulchowk, Lalitpur*

Tripadma Vidyashram Secondary School  
+2 Science - **Grade - 3.75/4**

2018-2020

*Pulchowk, Lalitpur*

Kathmandu Engineering College  
Bachelor in Computer Engineering

2021-2025

*Kalimati, Kathmandu*

## SKILLS

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**Languages:** Dart, Python, TypeScript, JavaScript, C, C++, Rust, Go

**Mobile Development:** Flutter, Provider, Riverpod, Bloc

**Frontend & Backend:** React, Next.js, Django, Node.js, NestJS, FastAPI, REST APIs

**DevOps & Tools:** Docker, Git, GitHub, Agile, Android Studio, Xcode, n8n

**Databases:** PostgreSQL, MySQL, MongoDB, Redis

**BaaS & Cloud Services:** Firebase, Supabase, AWS (EC2, RDS), Cloudinary, Google Workspace, Cloudflare

**AI / ML:** PyTorch, TensorFlow, Scikit-learn, NumPy, Pandas, OpenCV, Hugging Face

**Design & Publishing:** Figma, Canva, Play Console

**Soft Skills:** Problem Solving, Leadership, Communication, Critical thinking

**Languages:** English (Fluent), Nepali (Native), Hindi (Conversational)

## PROJECTS

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### SAJHABOOKSTORE (MINOR PROJECT) [↗](#)

2023-2024

- Platform to buy, sell and rent used books.
- SAJHABOOKSTORE simplifies book access and circulation with an easy-to-use app interface
- Promotes culture of reusing used books.
- **Tools Used:** Flutter, Dart, Firebase, Provider, Figma

### SUGARCARE (MAJOR PROJECT) [↗](#)

2024-2025

- Our system predicts diabetes early from the various parameters entered with high accuracy.
- Our web app will recommend the best hospitals dedicated to diabetes treatment in case of diabetes positive classification outcome.
- Combining medical knowledge with ML, it helps in making informed health choices.
- **Tools Used:** Django, Pandas, Scikit-Learn, Numpy, HTML, Bootstrap, PostgreSQL, SVM, PyTorch, TensorFlow

### LEARN APPS [↗](#)

2024

- Comprehensive Fundamentals – Teaches hardware, software, history, AI, programming languages and networking in beginner-friendly language.
- Interactive Quizzes & Offline Notes – Tests knowledge with MCQs and provides offline accessible study materials.
- User-Customizable Interface – Supports dark/light mode and 11 language options for accessibility and also provides bookmark feature.
- Certificate- Provides Certificate on completion of Course by SMAIT Technology
- **Tools Used:** Dart, Flutter, Provider, SQLite, Firebase, shared\_preferences

### MERO CHART [↗](#)





2024-Present

- Watchlist, Tradelist, Sell Signals, Capital Management, Portfolio Screening, Portfolio Management, Forum.
- Get alerted about important price movements or signals.
- Communicates with backend via http, Dio and Flutter Secure Storage.
- Login/Registration with secure token handling.
- Clean state management for scalability and maintenance.
- Integrated TradingView via JS Bridge
- Payment Integrations like Khalti & Fonepay.
- Animations and skeleton loading for better UI/UX
- **Tools Used:** Dart, Flutter, Provider, Riverpod, SQLite, Hive, shared\_preferences, API Integration, Firebase (FCM), TradingView (JS Bridge)

For more Projects [↗](#)

## CERTIFICATIONS

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<b>CS50's Introduction to Programming with Python</b> 	<b>2025</b>
Harvard University (via edX)	
<b>CS50's Introduction to Database with SQL</b> 	<b>2025</b>
Harvard University (via edX)	
<b>Responsive Web Design</b> 	<b>2025</b>
freeCodeCamp	
<b>JavaScript Algorithms and Data Structures</b> 	<b>2025</b>
freeCodeCamp	