

# Neb Dara

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## Professional Summary

Passionate Software Engineer with over 5 years of experience crafting impactful mobile and web applications using React Native, React.js, and cutting-edge technologies. At Ling App, I've delivered 90%+ biweekly sprint tickets and optimized ChatOps, slashing processing time from 19 minutes to 30 seconds (a 97% improvement). Holding a B.S. in Software Engineering from Chiang Mai University, I'm now pursuing an M.S. in Artificial Intelligence Specialization at American University of Phnom Penh, eager to blend my development expertise with AI to create meaningful, user-focused solutions.

## Technical Skills

**Languages:** Javascript, Typescript

**Frontend:** React Native, React.js, Next.js, Redux, Zustand

**Backend:** Node.js, Express.js, Firebase Functions

**Cloud:** Google Cloud Platform (Firestore, Cloud Functions, Cloud Run), Firebase, Microsoft Azure

**Tools:** Jest, Maestro, Bugsnag, Cursor, AI productivity tools, Crashlytics, CodePush, Git

**Integrations:** OpenAI, Azure AI Speech, Google Speech-to-Text, Stripe, Amplitude, Appsflyer, OneSignal

## Professional Experience

### Software Engineer, Ling App (Remote), Chiang Mai, Thailand

*July 2024 – Present*

- Migrated entire legacy Firebase Functions backend from Node.js v10/v16 to v18, ensuring zero downtime.
- Refactored Slack ChatOps, cutting pipeline processing time from 19 minutes to 30 seconds.
- Delivered 90%+ of biweekly sprint tickets, supporting cross-functional teams.
- Revamped a scalable marketing CRM system with AppsFlyer and OneSignal, empowering marketers to efficiently manage campaigns, email journeys, ads, and user tracking.
- Integrated Azure AI Speech into a speaking game feature, resolving years of unresolved features to enhance user satisfaction.

**Software Engineer, BiKay, Phnom Penh, Cambodia***March 2024 – June 2024*

- Developed and maintained web and mobile applications.
- Served as technical lead of a team of developers, including requirements analysis, technical design and specifications, development following up-to-date standards, follow-ups, QA tests, meetings, and cost estimation.
- Provided general management and support.
- Handled DevOps tasks.
- Mentored junior developers, resolving blockers to meet project deadlines.
- Conducted code reviews, cutting post-release bugs by 30%.
- Bridged technical and non-technical communication for project alignment.

**Software Engineer, Ling App (Remote), Chiang Mai, Thailand***March 2021 – March 2024*

- Developed and maintained mobile apps for Android and iOS based on React Native and Redux with Google Cloud Platform.
- Developed and maintained web and backend applications based on React.js and Node.js. for admin and content management
- Collaborated within a cross-functional team to define and ship new features for apps, web, and backend applications within an agile environment.
- Unit-tested code for robustness, including edge cases.
- Worked on bug fixing and improving application performance.
- Continuously discovered and evaluated new technologies to maximize development efficiency.
- Managed the app weekly release and handled hot-fixes.
- Interviewed candidates and onboarded new hire team members.
- Moderated daily scrum meetings, clean code sessions, and peer programming with other developers.

**Web and Mobile Developer, Simya Solutions Ltd, Chiang Mai, Thailand***November 2020 – March 2021*

- Launched MVP for an online learning platform, earning 3rd place at Global Startup Hub Thailand 2021.
- Built a React Native app with Firebase for online tutor learning booking.
- Developed a mobile application based on React Native, Redux, and Firebase services.
- Developed a backend application based on Node.js + Firebase services.
- Assisted PM/PO for Trello tickets clarification, preparation, and estimation.

## **Web & Mobile Developer (Freelance), Simya Solutions, Hong Kong**

*August 2019 – August 2020*

- Developed a React Native “Truth-or-Dare” app with Firebase integration.
- Built a web-based admin panel, streamlining content moderation.
- Fixed bugs and maintained application stability

## **Education**

### **M.S. Artificial Intelligence Specialization, American University of Phnom Penh, Phnom Penh, Cambodia**

*August 2025 – Expected 2027, Current*

- Awarded fully-funded scholarship through AUPP Digital Skill Development Program.
- Comprehensive 14-course curriculum covering all aspects of AI and machine learning.
- Specialized training in Generative AI, NLP, Computer Vision, and Reinforcement Learning.
- Hands-on experience with Big Data analytics and modern AI development tools.
- Research-focused capstone project applying AI solutions to real-world problems.
- Strong emphasis on AI Ethics and responsible AI development practices.
- **Key Technologies & Areas:** Advanced Programming, Artificial Intelligence, Machine Learning, Deep Learning, Natural Language Processing, Computer Vision, Generative AI, Reinforcement Learning, Big Data Analytics, Data Mining, No Code AI, AI Ethics, Research Methodologies.

### **B.S. Software Engineering (International), Chiang Mai University, Thailand**

*August 2017 – March 2021, Completed*

- Graduated with Second-Class Honors; Awarded Presidential Scholarship for academic excellence.
- Mastered complete Software Development Life Cycle (SDLC) and methodologies.
- Gained expertise in software architecture, design patterns, and quality assurance.
- Developed strong foundation in project management and Agile practices.
- Started freelancing in third year while maintaining academic excellence.
- **Key Technologies & Areas:** Software Development Life Cycle (SDLC), Agile & Scrum Methodologies, Requirements Engineering, Software Architecture & Design Patterns, Version Control Systems (Git), Testing & Quality Assurance, Project Management, Software Security, Database Systems, Java, Javascript, Web Development.

## Side Projects

### LearnMe AI

- AI-powered learning platform that converts uploaded lessons into structured study materials. It generates clear summaries, practice exercises, mock exams and automated scoring to help users understand and review topics more effectively.
- Technologies: Next.js, Redux, Neon Serverless Postgres, RevenueCat.
- Demo: <https://learnme-ai.app/>

### Calora AI

- AI-powered calorie tracking mobile app that identifies food items and calculates nutritional information using computer vision.
- Technologies: React Native, Expo, Supabase, RevenueCat.
- Demo: <https://calora-ai.vercel.app/>

### AI IELTS Master (WIP)

- AI-driven IELTS preparation platform offering intelligent scoring, personalized feedback, and practice modules for all sections.
- Technologies: React Native, Expo, Supabase, RevenueCat.
- Demo: <https://genuine-belekoy-898c64.netlify.app/>

## Additional Information

**Languages:** Khmer (Native), English (Fluent), Thai (Conversational)

**Hobbies:** Exploring clean code practices, playing pool, tracking tech trends, and tinkering with side projects to experiment with emerging AI and mobile technologies (e.g., LearnMe AI, Calora AI, an AI-powered calorie tracker using React Native and computer vision).

## References

Available upon requests