Piyawasin "Wasin" Pikror-ngarn

Technical Lead & Senior Software Engineer @ Ling app

Chiang Mai, Thailand | career@piyawasin.com | linkedin.com/in/piyawasin

---

PROFILE

Technical Lead & Senior Software Engineer at Ling app, a language learning platform helping 5M+ people connect through language. We make language learning fun and easy with courses on over 60 different languages with cross-platform mobile and web applications.

Former Senior Software Development Engineer at Sirius Technologies – developing financial backend services for deployment on the company's flagship cloud-native microservices platform: the Multiverse, powering financial institutions.

I have a passion for continuous learning, particularly in areas like Artificial Intelligence, Machine Learning, Blockchain, and Cybersecurity. I regularly explore new topics and technologies online to stay at the cutting edge of the field.

PROFESSIONAL EXPERIENCE

Jan 2025 - Present	**Technical Lead**	**Ling app**

- Spearhead technical decision-making, sprint planning, and roadmap alignment in collaboration with product owners and project managers.
- Mentor and guide engineers through 1-on-1 sessions, fostering technical and professional growth while addressing challenges.
- Oversee software architecture design, database schema development, and code reviews to ensure high-quality, maintainable code.

Dec 2023 - Dec 2024	**Senior Software Engineer**	**Ling app**

- Developed cross-platform mobile and web applications using React Native, React, Next.js, Firebase, Google Cloud, and Node.js.
- Implemented unit testing with Jest to ensure application reliability and functionality.
- Designed and managed CI/CD pipelines using Docker and Fastlane on cloud servers, optimizing deployment processes.
- Automated workflows using Node.js, Python, Ruby, and Bash, enhancing team efficiency and reducing manual tasks.
- Supported internal teams by automating data extraction and analysis processes.

March 2023 - Dec 2023	**Senior Software Development Engineer**	**Sirius Technologies**

- Developed and deployed backend services for financial products on Multiverse, the company's cloud-native microservices platform, using Golang.
- Acted as Engineering Manager, assisting the VP in team management, coaching developers, conducting 1-on-1 meetings, and facilitating cross-team coordination.

May 2022 - Feb 2023	**Technical Lead**	**Ling app**
May 2021 - April 2022	**Senior Software Engineer**	**Ling app**
May 2019 - April 2022	**Software Engineer**	**Ling app**
Jan 2019 - April 2019	**Software Engineering Intern**	**Ling app**
June 2018 - July 2018	**Contract Software Engineer**	**Ling app**

HIGHLIGHTS

Ling app

- Successfully migrated payment systems to a server-side architecture, enhancing security and enabling advanced analytics, while designing and implementing custom backend services to integrate Stripe and PayPal into the web app's shop and paywall, streamlining payment processes and significantly boosting conversion rates.
- Improved initial app loading speed by 6 times by optimizing content loading strategies and enhancing backend performance.
- Streamlined development workflows by modularizing shared logic and assets into a submodule, cutting down code update efforts for mobile and web platforms by up to 50%.
- Redesigned the build pipeline strategy, achieving a 50% reduction in both processing time and resource consumption.

Sirius Technologies

- Contributed to the development of an internal CRM system for a bank, enabling agents to:
  - Manage leads by loading, creating, updating, and deleting data, as well as tracking their progress.
  - Communicate with customers through the bank's official LINE account, with all chat messages stored for future reference, allowing other agents or managers to follow up or search for information as needed.
- Contributed to the development of mobile backend services of a leading credit card company, working on features such as:
  - Developing marketplace functionality with integrated payment systems.
  - Redesigning the PIN and OTP authentication system for enhanced security.
  - Revamping the coupons and rewards points redemption process.
  - Integrating credit card linking for Google Pay compatibility.
  - Supporting digital credit card registration processes.

EDUCATION AND CERTIFICATES

- **B.S. Software Engineering**; CAMT, Chiang Mai University; Thailand
- (The comprehensive list of completed online courses can be found on this page.)

TECHNOLOGIES USED

- **Programming Languages**: TypeScript, JavaScript, Golang, Python, Ruby, and Bash
- **Frameworks & Libraries**: React, React Native, Next.js, Node.js, Express.js, Fastlane, Gin, Flask
- **Databases & Tools**: MongoDB, PostgreSQL, Redis, Docker, Kubernetes
- **Platforms & Services**: Google Cloud, Firebase, GitLab CI/CD, Jenkins, Solace PubSub+

RECOMMENDATIONS

My recommendations highlight my technical expertise in various areas, as well as my commitment to fostering an open, inclusive, and energetic team environment that drives innovation and growth.