

WACHARA NILSONTI

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LinkedIn | GitHub: github.com/shunlll999 | Portfolio: wchiii.com | Wiiwave: wiiwave.com | Lurjing: lurjing.web.app

PROFESSIONAL SUMMARY

Results-driven Front-End Engineer and Technical Lead with over 15 years of experience specializing in scalable web and mobile applications, interactive experiences, and front-end architecture. Proven expertise in JavaScript, TypeScript, React, and React Native. Adept at leading cross-functional teams, optimizing application performance, and establishing robust engineering best practices. Passionate about leveraging emerging technologies like AI, tRPC, and WebAssembly to elevate user experiences and deliver high-impact digital products.

CORE TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, C#, Dart, Swift, Kotlin

Frameworks & Libraries: React, Next.js, NestJS, React Native, Node.js, Vue.js, Flutter, Socket.IO

Engineering Practices: Front-end Architecture, Component-Driven UI, Performance Optimization, API Integration, Technical Documentation, Mentorship

Interactive & Emerging Tech: AI-assisted Development, Unity (C#), tRPC, WebAssembly, Webflow

PROJECTS & SELECTED WORKS

- Wiiwave (wiiwave.com):** Developed a digital music technology platform tailored for dance music culture, featuring B2B DJ pools, audio fingerprinting for copyright management, and scalable B2C music streaming capabilities.
- Lurjing (lurjing.web.app):** Built and deployed a full-stack web application hosted on Firebase, demonstrating modern architectural patterns, responsive UI design, and seamless API integrations.
- Open Source & Technical Assessments (github.com/shunlll999):** Showcased advanced full-stack development skills, including a Next.js and NestJS monorepo for a concert ticket booking application utilizing Docker containerization and WebSockets.
- Personal Portfolio (wchiii.com):** Engineered a professional portfolio to showcase interactive digital experiences, front-end architecture, and independent technical projects.

PROFESSIONAL EXPERIENCE

Software Engineer Specialist / IT Custodian Nov 2024 – Sep 2026
ttb Spark - Bangkok

- Drive front-end delivery for critical web and mobile applications, ensuring high standards of code quality, readability, and system maintainability.
- Coordinate cross-functionally with network and security teams to resolve environment blockers, align compliance controls, and ensure timely project delivery.
- Act as IT Custodian for the team, documenting engineering resources, device specifications, and

Senior Software Engineer / Project Lead

Jan 2018 – Oct 2024

MOHARA - Bangkok

- Architected and maintained robust web and mobile applications using JavaScript/TypeScript, prioritizing seamless and intuitive user experiences.
- Drove front-end engineering best practices across the team, emphasizing component reusability, performance optimization, and rigorous code reviews.
- Supported production operations and implemented continuous improvement initiatives to sustain high system performance and reliability.
- Collaborated extensively with clients and multidisciplinary teams to define technical requirements, deliver high-value products, and foster strong stakeholder relationships.

Javascript Developer (Interactive Web)

2015 – 2016

Nadia Thailand (Japanese Interactive Production) - Bangkok

- Developed high-performance interactive websites and digital experiences for global brand campaigns, including New Balance, Nike, and Umbro.
- Collaborated with UI/UX designers and producers to translate creative concepts into engaging, performant web animations and interactions using HTML5, CSS3, and modern JavaScript.

Game Developer

2013 – 2015

Milyn Innovation / Praneat - Bangkok

- Engineered interactive games and applications to support digital marketing campaigns and brand activations using Unity and C#.
- Implemented complex gameplay systems and interactive features, collaborating with creative teams to deliver optimized experiences on tight deadlines.

Interactive Programmer

2012 – 2013

Dentsu 360 - Bangkok

- Prototyped and built interactive experiences within a fast-paced creative agency environment, integrating modern web technologies into campaign deliverables.

Flash Programmer

2009 – 2012

mInteraction - Bangkok

- Created rich interactive media and web experiences for digital advertising campaigns and microsites using ActionScript 2/3.

EDUCATION

B.Sc. Information Technology

2003 – 2007

Rattana Bundit University, Bangkok

High School Diploma

Graduated 2003

Klonghat Pittayakom School, Sa Kaeo

LANGUAGES

Thai (Native) | English (Professional Working Proficiency)