Huy Bạch

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ABOUT ME

Tech Lead with over 6 years of experience building web and mobile products with NodeJS, ReactJS and React Native. I lead engineering teams end to end: making architecture decisions, turning requirements into technical solutions, keeping code quality high through reviews, and optimizing performance and UX. I'm looking for a Tech Lead role where I can own the technical direction and help the team ship products that make a real impact.

WORK EXPERIENCE

Jul 2025 - Present

AI VIETNAM RDS JSC
Head of Product / Tech Lead
- Lead the development teams of multiple edtech products serving teachers, students and guardians (web and mobile).
- Make architecture decisions for the NodeJS / ReactJS stack and translate product requirements into technical solutions.
- Review pull requests and maintain code quality and engineering standards.
- Drive technical initiatives such as hardening the JWT + Redis authentication and refresh-token flow.
- Plan and track delivery on Jira and Confluence, and coordinate with QA on release quality.
- Run regular performance reviews and support the growth of team members.

Sep 2022 - Jul 2025

TeklabsVN
Full Stack Developer
- Built cross-platform mobile apps with React Native and responsive web apps with ReactJS.
- Built backend services and APIs, optimized database queries for performance and security.
- Built headless CMS solutions with Strapi, including custom plugins.
- Set up deployment and release pipelines: Vercel, AWS Amplify, NGINX, GitLab CI/CD, Fastlane.
- Kept the codebase readable, maintainable, multi-language and themeable; gave UI/UX feedback during development.
- Worked with developers and designers on the roadmap, implemented features from customer requirements, and maintained technical documentation.

Feb 2020 - Sep 2022

TimistudioVN
Full Stack Developer
- Built template UI with React Native and Expo, and web apps with ReactJS.
- Built services with the Moleculer framework on NodeJS.

- Developed and deployed a cross-platform app; integrated APIs using Redux, Redux Toolkit and GraphQL.

PROJECTS

Examdee

(Jul 2025 - Present)

Customer	In-house product
Description	- Edtech platform for online learning and examination: a teacher platform for courses, learning materials and assignments, a gamified student learning app, and a guardian mobile app.
Team size	10 - 20
My position	Product Owner, Tech Lead
My responsibilities	Product Owner: - Own the product vision, roadmap and backlog; decide priorities and scope for each sprint. - Write PRDs and user stories with business rules and acceptance criteria for epics such as course assignment, learning-material versioning, cross-organization content sharing, a teacher self-study portal, a gamified student course map and Zoom Meeting SDK integration. - Design user flows and screens with the design team on Figma / FigJam and maintain the design system. - Run the product workflow on Jira (Kanban for discovery, Scrum for delivery) and keep specs, templates and onboarding guides on Confluence. - Report progress weekly and review team performance monthly. Tech Lead: - Lead the development team: break epics into technical tasks, estimate, assign and unblock. - Design the architecture and make key technical decisions for the NodeJS back-end and ReactJS front-end. - Review every pull request on Bitbucket for correctness, risk and maintainability before merge. - Hardened the authentication architecture: JWT with Redis-backed refresh-token flow. - Write technical documentation for the web platforms and the guardian mobile app. - Work with the QA lead on test coverage and release quality.
Technologies used	- NodeJS, ReactJS - JWT, Redis - Jira, Confluence, Bitbucket, Figma

Vietinbank Gold & Jewelry

(Jun 2024 - Mar 2025)

Customer	Vietinbank Gold & Jewelry
Description	- Customer-facing website with admin UI and CMS.
Team size	6
My position	Project Manager, Full-Stack Developer
My responsibilities	- Gathered customer requirements and provided effective solutions for the team. - Tracked project milestones and monitored team performance to ensure timely delivery. - Reviewed code, deployed the website and maintained server operations. - Provided technical support and troubleshooting for team members. - Refactored and optimized code to boost SEO rankings and PageSpeed performance. - Created a custom Strapi plugin to integrate and visualize Google Analytics data.
Technologies used	- Front-end: NextJS - Back-end: NodeJS, ExpressJS, MedusaJS - Database: Postgres - CMS: Strapi

Do Keeper

(Mar 2025 - Jul 2025)

Customer	TeklabsVN client
Description	- Application working with RFID scanners to capture and process scan data.
Team size	10
My position	Full-Stack Developer
My responsibilities	- Set up the project architecture with tRPC for type-safe API communication. - Developed the application compatible with the RFID scanner model. - Developed new features and enhanced APIs for better performance and response time. - Wrote unit and integration tests to ensure code reliability. - Managed deployment pipelines on Railway for development and production.
Technologies used	- App: Expo - Front-end: NextJS - Back-end: ExpressJS, tRPC - Database: Drizzle ORM + Postgres - Hosting: Railway

SKILLS

Technical	- NodeJS, ReactJS, Git (5 years) - React Native, AWS, MongoDB, MySQL, PostgreSQL (3 years)
Leadership	- Agile, Scrum (2 years) - Project Management (1 year)

EDUCATION

Feb 2017 - Jan 2020	**FPT Aptech** Bachelor - Lập trình viên quốc tế
Sep 2012 - May 2015	**THPT Chuyên Nguyễn Huệ** Chuyên Toán

HONORS & AWARDS

05/2015	Giải Toán Nga - Sở GD & ĐT
01/2012	Giải Khuyến Khích HSG Trường THCS Marie Curie
01/2007	Giải ba HSG Thành phố Hà Nội - Sở GD & ĐT

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