

EUIJAE (JAY) HONG

Applied AI · Software Systems · Technical Operations

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PROFILE

Applied builder with a multidisciplinary path across architectural engineering, early web systems, customer-facing technical operations, and modern software development. I use governed AI workflows to turn operational constraints into reliable, testable systems. Interested in Forward Deployed Engineer (FDE), Applied AI, and AI implementation roles where real operational problems meet software systems.

SELECTED WORK

NestingGround | Coworking booking system | Vite / React · Supabase

Built and operated a real booking product, translating physical-space scheduling, pricing, and operational constraints into testable software. Transitioned to full-time development of V2 in early 2026 and took it through completion.

- Interactive scheduling: draggable desktop time-range selection, fixed-duration options, and multi-week booking views.
- Constraint and pricing behavior: client-side validation, daily-cap presentation, and configurable discount state aligned with backend validation.
- Operational hardening: explicit Supabase target guards, resilient availability/error states, and separation of demo and production data.
- Production practice: repository, build, deployment, runtime, and browser evidence are checked before work is treated as complete.

ENGINEERING METHOD

AI-assisted development is governed by evidence rather than assertion: input → interpretation → inspectable evidence/state → decision → human-verifiable result. Unknown remains unknown and inconclusive remains inconclusive. Implementation and independent review are separated, with typecheck/build/tests and running-browser validation used where applicable.

TECHNOLOGIES IN CURRENT USE

Interfaces: React, TypeScript, JavaScript, HTML/CSS, Vite **Data:** Supabase, SQL / MS SQL

Tooling & checks: Git, Bun, Playwright, Vitest **Systems observation:** Rust

Working method: AI-assisted multi-model development and orchestration with evidence-based verification

EXPERIENCE

Entry Level Mill Staff - A.J. Forest Products Ltd. · Oct 2023 - Dec 2025 · Squamish, BC

Tech Specialist - London Drugs · May 2020 - Oct 2023 · Squamish, BC

Room Attendant - Four Seasons Resort · Nov 2016 - Jan 2020 · Whistler, BC

Director & Owner - GnB English & Math Learning Centre · Jul 2003 - Apr 2009 · Seoul, Korea

Web Programmer - KnsonCity · Dec 1999 - Mar 2001 · Seoul, Korea

Architectural Engineer - DongAh / GS Construction · May 1994 - Jan 1998 · Seoul, Korea

KnsonCity: Developed a multi-forum community system for a 1 million-member website using HTML/CSS/JavaScript/ASP/MS SQL.

DongAh / GS Construction: Produced AutoCAD foundation shop drawings and prepared construction finishing manuals and material documentation for nuclear power plant projects.

EDUCATION

Bachelor of Architectural Engineering - Myungji University · Mar 1989 - Aug 1993 · Seoul, Korea