

# Kunhao Du



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## PROFESSIONAL SUMMARY

Frontend / Fullstack Engineer experienced in scalable web systems, frontend architecture, and AI-driven applications. Skilled in React, BFF design, and backend development with Go and Node.js. Experienced in building LLM-powered agent systems (ReAct, tool use, DSL pipelines) and optimizing performance via WASM and distributed systems. Demonstrated ability to drive complex projects end-to-end and deliver high-impact solutions in cross-functional environments.

## TECHNICAL SKILLS

</> Programming Languages	📄 Frontend	🛡 Frontend Engineering
Expert	Expert	Advanced
TypeScript, Go, Java	React, TypeScript, Redux	Webpack, Postcss, Babel
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## EDUCATION

Software Engineering (Bachelor's Degree)	Chengdu University of Information Technology	Sep 2023 – Jun 2027
4.1/5 • Chengdu		

**Concentration in Software Engineering. Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Computer Networks, Database Systems, Software Engineering, Web Development, Compiler Principles, Artificial Intelligence

## PROFESSIONAL EXPERIENCE

Frontend Developer Intern (GuangZhou)	Tencent-WXG	Feb 2026 – Present
<ul style="list-style-type: none"><li>Led frontend architecture and maintained core formula module for Smart Spreadsheet, improving system stability and scalability</li><li>Designed and implemented AI-powered “Smart Fields” (NestJS + Vercel AI SDK, ReAct + Single-Turn), enabling natural language-to-formula generation with validation and retry mechanisms</li><li>Built a DSL parser with AST-based validation and optimized formula engine via C++ → WASM, ensuring computation consistency across frontend and backend while reducing overhead</li><li>Developed offline update system and ES5 compatibility tooling (ESLint + escompat), integrated into CI pipeline with automated reporting, improving reliability and reducing production issues</li></ul>		
Frontend Developer Intern (BeiJing)	TikTok-Tns	Jul 2025 – Feb 2026
<ul style="list-style-type: none"><li>Owned Video &amp; Photo moderation domain; delivered 40+ P0 and multiple P00 projects with cross-team collaboration</li><li>Built BFF layer in Go with RPC-based aggregation, improving integration efficiency and reducing service coupling</li><li>Led low-code refactor of strategy platform; reduced feature onboarding cost by ~80% and form change cost to ~10%</li></ul>		