

Daniel J (Denghao Ji)

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Objective: FrontEnd Engineer | **Work Mode:** Full time & Remote or On-site

Professional Profile

- **Work Experience:** 7 years as a FrontEnd Engineer.
- **Languages:**
 - Mandarin (Native)
 - English (B2 level - proficient in writing/speaking, 2 years global team experience)
 - Japanese (N4 level).

Skills

- **Programming Languages:** Proficient in JavaScript (ES6+), HTML5, CSS3, Sass, Less; Familiar with TypeScript.
- **Front-End Frameworks:** React (3 years), Vue (2 years), Electron (1 year), Node BFF, Vue.js, Mini Program, Hybrid H5 Applications, Responsive PC Web. Familiar with Redux, Mobx, Zustand, and React v17/v18 features.
- **Build & Version Control:** Skilled in Webpack (packaging, compression, optimization); Proficient in Git for code management and team collaboration.
- **Design Tools:** Familiar with Figma and Adobe Photoshop; effective designer collaboration.
- **Cross-Functional:** Rich experience cooperating within global cross-culture, cross-time-zone teams.

Work Experience

Bytedance Ltd — Mid-level FrontEnd Engineer

May 2020 - April 2026 | Global E-Commerce & GMPT Departments

Global E-Commerce (Customer Service Platform Team): Developed the "Ticketing Platform," a Micro FrontEnd Application building functions to enhance agent work efficiency and improve TikTok Shop global user experiences.

- Led a comprehensive frontend refactoring of the global ticketing system, transitioning from a legacy codebase to a Layered Architecture and Domain-Driven Design (DDD) to decouple business logic from UI components.
- Strategically integrated Generative AI into the development roadmap (covering code generation and automated testing), achieving a 40% AI code coverage rate and cutting an estimated 6-month timeline to just 2 months (66% cost reduction).
- Optimized system performance, resulting in a 40% reduction in production bundle size and a 70% boost in build speed (from 10 mins to 3 mins), significantly enhancing CI/CD efficiency.

- Responsible for Front-end development of Ticketing Platform detail and list pages with React.js, successfully meeting critical deadlines.
- Standardized the unified pipeline process across SG, US, and Beijing teams for seamless cross-time-zone collaboration.
- Built monitoring, alarm configurations, and standard operating procedures for online incident management across B-Side and C-Side main projects.

GMPT (Global Monetization Product and Technology): Developed H5 hybrid applications, established ad delivery processes for advertisers, and built an Electron application for internal ad auditors.

- **Revolutionized Advertising Audit Software:** Engineered a cutting-edge solution using Electron technology that reduced loading speeds by 30%, saving approximately 2.4 million CNY per month in operational efficiency.
- **Optimized Advertising Placement Functions:** Innovated core features boosting performance by 45% and improved image performance using WebP, contributing to a revenue increase of around 6 million CNY.

Zuoyebang Education Technology Company — Junior FrontEnd Engineer

July 2019 - May 2020

Mainly in charge of H5 live streaming and short video projects utilizing Vue framework.

- **Pioneered the H5 Short Video Project:** Played a key role in developing a core short video feature serving over 10 million daily users; built an abstract video component supporting horizontal and vertical video forms.
- **Project Lead for H5 Live-Streaming Initiative:** Drove the development of innovative live-streaming features, creating Vue components for bubble animations, a lottery wheel, and implemented a comments feature using WebSocket technology to boost engagement and retention.

Education

Harbin Huade University (China) — Bachelor's Degree in Software Engineering Major

September 2015 - June 2019

Core Courses: C & C++ & Java Programming, Data Structures and Algorithms, Operating Systems, Software Modelling and UML, Mobile Programming Technology Practical Training, Principles of Computer Composition.

Strengths, Honors & Declarations

- Awarded the Bytedance Spot Bonus twice; received multiple M+ and E performance reviews. Strong project delivery capability, risk control, project management, and technical design skills.
- I hereby declare that the information aforementioned is true. I am currently studying at a Japanese Language School and living in Tokyo, Japan. I am available to work remotely or relocate for an on-site position under a work visa.