

PROFESSIONAL SUMMARY

- **Profile:** Forward-thinking front-end engineer focused on Vue ecosystem and automation tool development. Skilled at transforming complex data into intuitive visual interfaces, emphasizing code quality and development efficiency. Continuous learner of new technologies to solve practical problems. Lifelong learner.

EXPERIENCE

- **Front-end Development Engineer** Chongqing, China
Chongqing Dinghui Information Technology Co., Ltd. (CISDI Info) Jul 2023 – Present
 - **Factory Data Visualization Platform:** Developed interactive visualization dashboards using Vue3 and TypeScript. Implemented complex data visualizations with Echarts and optimized performance for rendering large datasets.
 - **Responsive Mobile Interface:** Designed and implemented responsive UI for mobile devices, significantly improving user experience across different screen sizes.
 - **Component Library:** Built a reusable front-end component library that streamlined development and reduced code duplication across multiple projects.

PROJECTS

- **Article Processor** Personal Project
Full-stack Developer Jan 2024 – Present
 - **Overview:** Content processing tool built with Node.js and Express that supports batch article formatting and AI content enhancement, reducing news processing time by 50%.
 - **Technology:** Node.js, Express, OpenAI API, Google AI API, JavaScript, REST API design
 - **Project URL:** articlesprocessor.elowenluo.com
- **Autofill WordPress** Browser Extension
Front-end Developer Feb 2024 – Present
 - **Overview:** Tampermonkey browser extension that automatically fills WordPress article forms and integrates with Article Processor for batch content management.
 - **Technology:** JavaScript, DOM manipulation, Tampermonkey API, REST API integration
 - **Project URL:** github.com/elowenluo/browser-scripts

EDUCATION

- **Chongqing Elite Institute of Engineering** Chongqing, China
Intelligent Vehicle Software; GPA: 3.9/4.0 Sep 2022 – May 2023
 - **Coursework:** Intelligent Connected Vehicle Systems, Automotive Software Development Fundamentals, Vehicle Network Systems and Applications, Intelligent Driving Algorithm Foundations
- **Chongqing University of Posts and Telecommunications** Chongqing, China
B.Eng. in Data Science and Big Data Technology; GPA: 3.1/4.0 Sep 2019 – Jun 2023
 - **Coursework:** Computer Networks, Algorithm Analysis and Design, Database Principles, Operating Systems

SKILLS

- **Languages:** HTML, CSS, JavaScript, TypeScript, Rust
- **Frameworks:** Vue 2/3, Vue Router, Vuex/Pinia
- **CSS:** Sass, Less
- **Visualization:** Echarts
- **Tool Development:** Node.js, Express
- **Version Control:** Git, GitHub
- **Languages:** Chinese (Native), English (CET-4)