

PROFESSIONAL SUMMARY

- **Profile:** Full-stack developer and lifelong learner with a forward-thinking approach to engineering. Skilled at transforming complex data into intuitive visual interfaces. Passionate about code quality, development efficiency, and continuously exploring new technologies to solve practical problems.

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, Tokio, Axum
- **CSS:** Sass, Less
- **Visualization:** Echarts
- **Tool Development:** Node.js, Express
- **Version Control:** Git, GitHub
- **Languages:** Chinese (Native), English (CET-4)