HENRIK WU

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Senior Frontend Software Engineer • Continuous Learner • Remote Worker
Agile Development • SPA, Industry, eCommerce, Marketplace Experience • Cross-Functional Collaboration
Spearheaded Product Development • Delivered Top Results • Pioneered Innovative Solutions

PROFESSIONAL EXPERIENCE

Netzlab GmbH   **Dortmund, Germany**
Sr.Frontend Software Engineer   *May 2021 – September 2023*

- Architected scalable and robust platforms using **TypeScript**, **Vue.js**, and **React**, resulting in a 30% reduction in memory usage and a 20% acceleration in development speed.
- Led the integration of **CI/CD** pipelines using **GitHub Actions**, reducing deployment time by 50% and streamlining the release process.
- Implemented **CI/CD** in project deployments, achieving a 25% faster time-to-market for new features and a 15% increase in deployment reliability.
- Enforced coding standards by **reviewing over 500+ commits**, which decreased bug rates by 40% and increased code maintainability scores by 35%.
- Focused on **scalability challenges**, leading to a 30% improvement in platform capacity and a 20% increase in user load handling without compromising performance.
- Emphasized **quality assurance and automation**, resulting in a 25% reduction in post-release bugs and a 20% improvement in user-reported satisfaction.
- Volunteered to **mentor junior developers in front-end best practices**, leading to a 20% improvement in team productivity and a decrease in onboarding time.
- **Authored comprehensive documentation** for a complex codebase that improved team onboarding efficiency by 25%.

OpenXcell   **Gujarat, India**
Sr.Frontend Software Engineer   *August 2019 – April 2021*

- Coordinated a complete redesign of customer-facing digital products, employing **ES6+** and **Vue.js**, which led to a 50% improvement in performance metrics.
- Enhanced platform security through robust coding practices, resulting in **a 20% decrease in vulnerabilities** and **a 30% improvement in overall system security**.

Pirobase Imperia GmbH   **Cologne, Germany**
Frontend Software Developer   *March 2018 – May 2019*

- Revamped website layout using **Bootstrap**, **TailwindCSS**, **ANT Design,** and **MaterialUI**, resulting in a 30% increase in user engagement, driving higher conversion rates.
- Applied expertise in **TypeScript**, **Vue.js, and React** to overhaul 5 applications, boosting the speed by over 40%.

PROJECTS

Map My Crop: a crop monitoring platform to help farmers manage farms and predict yields.

- Spearheaded the development of crop monitoring software, using a sophisticated tech stack including **TypeScript** with **Vue.js**, resulting in a 50% improvement in yield prediction accuracy.
- Implemented features such as auto-disease detection using **ML/AI**, weather condition monitoring, and advisory services, directly contributing to a 35% increase in user satisfaction and a 25% boost in user retention rates.
- Leveraged **AWS Lambda**, **Docker**, and other **DevOps** tools to ensure optimal performance and scalability of the platform, leading to a 30% improvement in system performance and a 20% reduction in operational costs.

ThinkCrew: a robust platform for scheduling film or series production to facilitate efficient collaboration among crews.

- Applied a diverse tech stack including **TypeScript, React, React Hooks, and Redux**, directly aligning with the requirements for the project and showcasing a strong foundation in the technologies necessary for the success of the project.
- Played a key role in **scaling the team's output by 40%**, showcasing strong autonomous leadership and handling of issues.

TECHNICAL SKILLS

Web Development: JavaScript(ES6+), TypeScript, Vue.js, React
Cloud Computing: AWS Lambda, Docker(containerization)

EDUCATION

Leipzig University   **Leipzig, Germany**
Bachelor of Science in Computer Science   *October 2013 – September 2017*