

STEFAN KERN, MSc

Senior Frontend Developer



CONTACT INFORMATION

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PROFESSIONAL SUMMARY

Experienced Application Architect and Senior Frontend Developer with 13+ years in web development since 2011. Currently serving as Application Architect at NTS Retail, leading the design and development for the web application of complex Point of Sale solutions. Specialized in modern web technologies with expertise spanning from jQuery and AngularJS to current Angular framework. Passionate about AI integration and cutting-edge web development technologies. Strong background in both frontend and backend development with additional experience in AI technologies and automation tools.

TECHNICAL SKILLS

- Frontend: Angular, TypeScript, JavaScript, HTML5, CSS3, RxJS, GWT
- Styling & UI: SCSS, Bootstrap, Material Design, Angular Material
- Backend & APIs: Node.js, Firebase, REST API, C#, Java
- AI Tools: ChatGPT, Claude, Agentic AI, ComfyUI, Flux
- Dev Tools: Git, VS Code, NX, Webpack, npm, n8n, GitLab, GitLab Pipelines

PROFESSIONAL EXPERIENCE

Application Architect | NTS Retail (Jan 2019 - Present)

- Developed complex Point of Sale (POS) solutions, including return and exchange shift closure with supervisor approval
- Modernized single-stack application, re-engineering it into a flexible architecture with dozens of independent, slot-based customization libraries
- Building on the modular architecture, designed and implemented tailored solutions to meet specific client requirements and business workflows
- Utilized a modern Angular, NX, and TypeScript stack with GitLab Pipelines for continuous integration, deployment automation, and streamlined development workflows.

Senior Frontend Developer | kraftwerk | Agentur für neue Kommunikation (Sep 2015 - Nov 2018)

- Performed advanced frontend development for CMS-based websites, banners, and microsites, adhering to strict design guidelines
- Delivered projects for major clients across public infrastructure, financial services, education, and tourism sectors

Team Leader | GPN-Telecom (May 2014 - Aug 2015)

- Development and maintenance of multi-tenant portal for Lync/Skype for Business
- Led a development team in the design and delivery, while actively contributing as a programmer and overseeing architecture, planning, and implementation

Trainee | LKW Walter (Jan 2014 - May 2014)

- Brief experience in transport organization systems
- Leadership and project management in logistics sector

Developer | Papyrus (Jan 2011 - Jan 2014)

- Developed the Eye Widget HTML Client as part of the Master's thesis, which was further enhanced internally beyond the academic phase
- Developed Website Builder platform

EDUCATION

Master's & Bachelor's Degree in Information Technology

Fachhochschule Wr. Neustadt (2006 - Jan 2011)

Specialization: Technical Computer Science (Technische Informatik)

Technical High School (HTL) Matura

HTL Mödling (2001 - Jun 2006)

LANGUAGES

- German: Native
- English: Professional working proficiency

AVAILABILITY

Open to discussing exciting project opportunities and career positions that align with my expertise in modern web development, particularly those involving Angular, TypeScript, AI integration, or innovative frontend challenges.