

Johan Nilsson

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Senior Software Engineer & Linux System Specialist

Professional Summary

Highly driven Full-Stack Developer with 10+ years of experience building and managing web applications on Linux-based systems. Adept at React, Angular, and Python, with a strong background in DevOps, containerization, and CI/CD pipelines. Passionate about delivering user-centric solutions and exploring emerging technologies.

TECHNICAL SKILLS

- Front-End: React, Angular, Redux, Next.js, TypeScript, SCSS, Bootstrap, Tailwind
- Back-End: Node.js/Express, PHP (Laravel, Lumen), Python
- **DevOps & Infrastructure**: Docker, Kubernetes, Azure DevOps, CI/CD, Git, Bash
- Databases: MySQL, PostgreSQL
- Other: C#, Jira, Materialize, jQuery

WORK EXPERIENCE

Kvdbil – Lead Frontend Developer

$\mathbf{Sep}\ \mathbf{2022}-\mathbf{Present}$

- Promoted to Lead Developer for front-end in **April 2023**, responsible for ensuring the platform is developed in line with business and IT strategies, remains sustainable over time, and is cost-effective and secure.
- Oversee React-based public websites and internal tools, driving performance improvements and mentoring junior developers.
- Spearheaded performance optimizations resulting in **30%** faster page loads on key workflows.
- Primarily utilizing React, Redux, TypeScript, and Kubernetes-based services.
- Position is based in Göteborg, partially remote.

Nerds of Sweden – Developer

Feb 2018 - Sep 2022

- Delivered custom front-ends in React, hosted on Azure, and worked with a variety of frameworks (Angular, Laravel) for diverse clients.
- Collaborated on a digital sustainability tool (Dacke.Online), achieving 20% faster inventory updates.
- Implemented CI/CD pipelines, reducing deployment times by 40% across multiple projects.

JG Software AB - DevOps/Web Developer

Feb 2017 - Oct 2017

- Built container-based Node.js APIs, web applications, and cross-platform mobile apps.
- Introduced Git as a version control standard, streamlining development and collaboration.

Additional Experience

• Bergendahls Food (2012–2014) – Part-time property, warehouse, and administrative responsibilities.

NOTABLE KVD PROJECTS (2022 - ONGOING)

- One Marketplace: Unified auction-based and "buy now" storefronts on kvd.se into a single cohesive platform, improving user experience and reducing maintenance overhead.
- **Pro2Car Initiative:** One of KVD's largest consolidation efforts; retired a separate e-commerce site and integrated its offerings into kvd.se. Expanded from 1 storefront to **5 main categories**, opening new revenue channels.
- Reception & Image-Upload Apps: Created a React/Vite PWA for lease-return vehicle inspections, then repurposed its framework to develop a media-upload tool for attaching images to car listings and other assets.
- Cargo Overhaul: Upgraded the existing React + Redux administration tool with batch functions and drag-and-drop media sorting, streamlining internal workflows for auctions and transports.
- bilpriseras.no: Launched a new Next.js website featuring a modern design that aligns with KVD's Nordic brand strategy.

 $(Older\ or\ smaller\ projects-e.g.,\ Fleetmanager,\ Leasemanager,\ kvdcars.com-can\ be$ briefly noted or merged if relevant.)

EDUCATION

- Higher Vocational Education, Linux System Specialist Hermods EC, Malmö (Sep 2015 – Dec 2016)
- High School, Electrical Program (IT Focus) Jacobskolan, Hässleholm (Aug 2009 – Jun 2012)

Internships

- JG Software AB (2016 Feb 2017): Developed a Python-based mail server ("MailToPython") as part of a DevOps focus; introduced Git version control practices.
- Lindens Media Group (2014 2015): Worked on web intranets in PHP, expanding skills in rapid project delivery and client management.

References, Diplomas

References and transcripts available upon request.

For more details on this CV's LaTeX/Markdown source, see: github.com/yoieh/markdown-cv