DERIK SEHN

Software Engineer

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EXPERIENCE

Software Engineer

Ford Motor Company | Feb 2025 - Present

- Build and maintain critical features for a global logistics platform supporting vehicle and parts operations across multiple countries.
- Raise quality and security through Angular + Spring Boot development, code reviews, SonarQube, 42Crunch, Cycode, and Apigee.
- Automate CI/CD with Tekton (Pipelines-as-Code) and operate applications on Kubernetes over GCP.

Freelance Full-Stack Developer

DevSehn | Mar 2024 – Present

- Architect and deliver software products for industrial monitoring, operations, and digital business platforms.
- Built Eli Control, a refrigeration monitoring platform with telemetry, alarms, MQTT integrations, dashboards, VPN automation, and multi-company management.
- Delivered web platforms including automated quotation systems, CMS-based institutional websites, and e-commerce solutions using NestJS, Next.js, and PostgreSQL.

Full-Stack Developer

Maxxi Data Informatica | Sep 2025 - Aug 2026

- Built and scaled SaaS platforms using NestJS, Next.js, Prisma, PostgreSQL, Recharts, and Ant Design, applying DDD and Clean Architecture.
- Worked extensively with database migrations, AWS, Docker images, GitHub Actions, and CI/CD, supporting development and production deployment workflows.
- Leveraged AI-assisted development for codebase analysis, implementation, refactoring, debugging, and architecture, improving development productivity and delivery.

Junior Full-Stack Developer

Unimed, Vale do Caí | Aug 2022 - Mar 2024

- Developed full-stack solutions for a large-scale hospital management ecosystem serving a central hospital and 150+ external clinics.
- Engineered a preventive maintenance module from the ground up, partnering with hospital engineers to improve operational efficiency.
- Created UniChat, an internal communication platform for 850+ employees, while contributing across both legacy Java and modern React-based systems.

Technical Project Developer

IFSUL (Technical High School), Venancio Aires | 2018 - 2022

- Led research and innovation projects in software, robotics, and applied technology, presenting them at national and international fairs.
- Developed foundational full-stack applications using Java, SQL, and core web technologies while mentoring technical initiatives.
- Managed IT infrastructure for computer labs, including system maintenance, network configuration, and operational support.

SUMMARY

Software Engineer specialized in scalable systems, modern software architecture, and business-driven solutions with Java, Spring Boot, TypeScript, NestJS, Angular, React, and Next.js. Strong experience in DDD, Clean Architecture, cloud delivery on AWS/GCP, CI/CD, API security, observability, and AI-assisted development for high-impact products.

SKILLS

Languages & Frameworks
Java, Spring Boot, TypeScript, Node.js, NestJS, Angular, Next.js, React

Cloud & DevOps
AWS, GCP, Kubernetes, Docker, Terraform, GitHub Actions, Tekton, CI/CD, Pipelines-as-Code, LocalStack

Databases & APIs
PostgreSQL, Prisma, TypeORM, Redis, REST APIs, OpenAPI/Swagger, Apigee, Flyway, Microservices

Frontend & Design
HTML5, CSS3, Tailwind CSS, Vite, ReCharts, TanStack Query, Design Systems, Figma

Methodologies
DDD, Clean Architecture, Agile, Scrum, Git, SOLID

Soft Skills
Problem Solving, Fast Learning, Teamwork, Active Communication, Proactivity, Autonomy, Adaptability, Resilience, Focus, Innovation

LANGUAGES

English
PROFESSIONAL / ADVANCED

Portuguese
NATIVE

EDUCATION

Computer Science
Bachelor's degree, Fadergs, Brasil, 2025 – 2027

Information Technology
Technical High School Degree, Instituto Federal Sul Rio-Grandense, Brasil, 2018 - 2022

COURSES & CERTIFICATIONS

Ford: Certified Scrum Developer, 42Crunch Mastery, Angular Mastery, Spring Boot Mastery, Clean Architecture, Developer Cybersecurity

Rocketseat: React Advanced Concepts, Intro to Spring Boot, NLW Java Journey

UniRitter: Usability & Game Dev, Computational Solutions, UX/UI, Web & Mobile Dev

Microsoft Learn: Entra ID Identity & Access Management, Spring Boot Deployment on Azure, MFA Security, SSPR, User & Group Management

Other: AWS Certified Cloud Practitioner, EF SET C1 Advanced, Next.js Best Practices