# KONRAD GNIADEK

Senior Full Stack Engineer | Warsaw, Poland

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## Summary

Full-Stack Engineer with 8+ years of experience specializing in building scalable, high-performance web applications using React.js, Next.js, Node.js, AWS, and modern DevOps practices. Proven track record in delivering enterprise-grade solutions across industries including SaaS, fintech, e-commerce, and automation. Skilled in frontend architecture (React, Next.js), backend development (Node.js, GraphQL, REST APIs), and cloud-native solutions (AWS, Docker, Kubernetes, CI/CD). Strong background in Agile/Scrum collaboration, team leadership, and mentoring developers. Passionate about creating clean, efficient code and driving projects from concept to deployment.

**Core Skills: React, Next.js, Node.js, TypeScript, JavaScript, REST APIs, PostgreSQL, AWS, CI/CD, Microservices**

## Key Skills

* **Frontend Development: React.js, Next.js, Redux Toolkit, React Query, TypeScript, PWA, SSR/SSG**
* **Backend Development: Node.js, Express.js, Nest.js, GraphQL (Apollo/Federation), REST API**
* **Databases: PostgreSQL, MongoDB, DynamoDB, Redis**
* **Cloud & DevOps: AWS (EC2, S3, Lambda, RDS, CloudFront), GCP, Docker, Kubernetes, Terraform**
* **CI/CD & Testing: GitHub Actions, Jenkins, GitLab CI, Cloud Build, Jest, React Testing Library, Mocha/Chai**
* **Architecture & Practices: Microservices, Micro-frontends, Event-driven architecture, Clean Architecture, Agile/Scrum**
* **Collaboration: Cross-functional team leadership, Code Reviews, Pair Programming, Mentorship**

## Professional Experience

### Full Stack Engineer

Amazon Web Services (AWS) | Seattle, Washington, USA | Jan 2023 – Aug 2025

* Led the architecture and development of enterprise-scale web applications using React.js (Next.js) on the frontend and Node.js (NestJS/Express) on the backend.
* Advocated for best practices in React performance (memoization, SSR with Next.js, PWA), accessibility, and TypeScript adoption.
* Built reusable UI libraries in React/Next.js used across multiple projects, improving consistency and developer productivity.
* Designed and maintained scalable microservices architecture, enabling independent feature deployment and reducing downtime.
* Directed migration from REST-only APIs to a hybrid GraphQL + REST approach, optimizing data queries and reducing over-fetching.
* Oversaw cloud infrastructure on AWS (ECS, EKS, Lambda, S3, RDS, DynamoDB, CloudFront), ensuring scalability, high availability, and cost optimization.
* Implemented CI/CD pipelines (GitHub Actions, GitLab CI, Jenkins), enforcing automated testing, security checks, and zero-downtime deployments.
* Managed Docker & Kubernetes orchestration, improving application resilience and simplifying scaling.
* Led database strategies with PostgreSQL for transactional systems and MongoDB for document-based use cases, ensuring data consistency and high performance.
* Advocated for best practices in React performance (memoization, SSR, PWA), accessibility, and TypeScript adoption.
* Mentored a cross-functional team of 8 engineers, providing code reviews, pair programming, and technical workshops.
* Collaborated directly with product managers, designers, and stakeholders to align technical solutions with business goals in a Scrum/Agile environment.

### Full Stack Developer

JohnCube | Rybnik , Poland | Jun 2020 – Mar 2022

* Drove performance improvements by implementing server-side rendering (Next.js) and progressive web app (PWA) strategies for React apps.
* Designed and implemented micro-frontend architecture with React/Next.js, enabling modular development and independent deployment of features.
* Built and maintained Node.js/Express.js backend services, integrating both REST APIs and GraphQL endpoints to support diverse client requirements.
* Deployed and scaled applications on AWS (ECS, Lambda, RDS, DynamoDB, CloudFront) ensuring high availability and performance.
* Designed PostgreSQL schemas and MongoDB collections, implemented indexes, and optimized queries for high-volume traffic.
* Applied Docker & Kubernetes for containerization and orchestration, ensuring consistent environments and smooth scaling.
* Set up and improved CI/CD pipelines (Jenkins, GitHub Actions, GitLab CI), automating builds, tests, and deployments across multiple environments.
* Collaborated with cross-functional teams in a Scrum/Agile environment, mentoring junior developers and conducting code reviews.
* Introduced best practices in testing (Jest, React Testing Library, Mocha/Chai) and improved overall code quality through linting, type-checking (TypeScript), and clean architecture principles.
* Drove performance improvements by implementing server-side rendering (Next.js) and progressive web app (PWA) strategies for React apps.Full Stack Developer

### Full Stack Developer

Droptica | Rzeszow, Poland | Jun 2017 –Aug 2019

* Built and optimized React.js/Next.js applications with modern hooks (useState, useEffect, useContext, useMemo) to deliver highly interactive and responsive UIs.
* Implemented lazy loading, code splitting, and Next.js SSR to improve initial load performance.
* Integrated frontend with REST APIs and GraphQL queries/mutations, improving data fetching efficiency and reducing network overhead.
* Improved application performance by applying lazy loading, code splitting, and memoization techniques in React.
* Collaborated with designers to ensure pixel-perfect UI/UX and responsive layouts across devices.
* Developed backend services with Node.js & Express.js, ensuring smooth data flow between client and server.
* Deployed and monitored applications on AWS (EC2, S3, Lambda, CloudFront) to ensure scalability and reliability.
* Worked with PostgreSQL and MongoDB for data storage, handling schema design, queries, and indexing.
* Utilized Docker to containerize React + Node.js apps for consistent development and production environments.
* Contributed to CI/CD pipelines with GitHub Actions/Jenkins, enabling automated builds, testing, and deployment.
* Actively participated in Scrum ceremonieAs (daily standups, sprint planning, retrospectives) and practiced Agile collaboration.

## Education

Kyushu University | 2012 – 2016

Bachelor’s Degree in Computer Science

## Achievements

* Led architecture & delivery of a multi-tenant SaaS platform at Iteo A/S, scaling to 50,000+ users with 99.9% uptime.
* Reduced app load time by 40% through React performance optimization, SSR (Next.js), and code splitting.
* Cut infrastructure costs by 25% by optimizing AWS resources and leveraging Kubernetes for orchestration.
* Accelerated release cycle from weekly to daily deployments by implementing modern CI/CD pipelines.
* Migrated legacy monolithic applications to a microservices + micro-frontend architecture, improving scalability and maintainability.
* Mentored 8+ engineers across multiple teams, improving delivery speed and code quality while fostering growth.
* Designed and optimized PostgreSQL schemas and MongoDB clusters, handling large-scale, high-traffic environments.
* Built a company-wide React design system, reducing development time by 35% and improving UI consistency.

## Interests

* OSS Contributions (Node.js tooling, React UI libraries)
* Real-time collaboration platforms
* Internal DevTools and CLI automation
* Reading neuroscience books
* Climbing and sketching