

# 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

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 ceremonies (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