JITHIN JOHN

Full Stack Developer

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PROFILE

Results-driven Full Stack Developer with 4+ years of experience architecting and deploying scalable web applications. Expert in Python (FastAPI, Django), React, Next.js, and cloud-native technologies (Kubernetes, Docker, GCP, Terraform). Proven track record optimizing database performance, implementing CI/CD pipelines, and delivering AI/ML-enabled solutions. Currently developing enterprise platforms at Readymade AB in Sweden.

COMPETENCE

Backend: Python, FastAPI, Django, Flask, REST, GraphQL
Frontend: React, Next.js, TypeScript, JavaScript, Tailwind CSS
Cloud/DevOps: GCP, AWS, Docker, Kubernetes, Terraform, GitHub Actions
Databases: PostgreSQL, MongoDB, MySQL, Query Optimization
Security/AI: JWT, OAuth 2.0, OpenAI API, Ollama, Scikit-learn
Tools: Git, GitHub, GitLab, VSCode, PyCharm

WORK EXPERIENCE

Full Stack Developer (Next.js / React)   Sep 2025 - Present

Readymade AB, Sweden (Onsite)

Next.js 14, React, TypeScript, Python, Django, PostgreSQL

- Develop scalable company websites and internal platforms using Next.js and React with focus on maintainability and performance
- Build secure backend services using Django that power frontend applications with RESTful API design
- Design and optimize PostgreSQL databases ensuring ACID compliance, integrity, and optimal query performance
- Implement enterprise-grade authentication and authorization flows using JWT and OAuth 2.0
- Apply security best practices to prevent XSS, CSRF, SQL injection, and data exposure vulnerabilities
- Optimize SEO and Core Web Vitals through code splitting, server-side rendering, and performance tuning
- Collaborate with product and design teams to translate requirements into clean UI flows and reusable components
- Monitor production health, resolve incidents, and improve reliability with logging and performance profiling

Full Stack Developer   Apr 2024 - Mar 2025

LymData Labs Pvt. Ltd., Kerala, India (Remote)

React, Next.js, FastAPI, Django, Kubernetes, GCP, Terraform

- Designed responsive UIs using React and Next.js with Tailwind CSS and ShadCN UI component libraries
- Engineered RESTful APIs with FastAPI and Django ensuring robust backend-frontend integration
- Implemented Server-Side Rendering (SSR) and Static Site Generation (SSG) for optimized performance and SEO
- Architected microservice infrastructure using Docker and Kubernetes deployed on GCP for horizontal scalability
- Established CI/CD pipelines with GitHub Actions automating testing and deployment cycles
- Led Infrastructure as Code initiatives using Terraform automating GCP resource provisioning
- Built reusable UI components and design tokens to keep the product consistent across teams
- Improved API reliability with validation, structured logging, and automated smoke tests

Full Stack Developer   Jul 2023 - Mar 2024

Softroniics Solutions, Calicut, Kerala, India

Django, React, Next.js, PostgreSQL, MongoDB, GCP

- Developed user-friendly frontend interfaces for e-commerce platforms using React and Next.js
- Integrated secure backend services with Django and FastAPI using JWT and OAuth 2.0
- Optimized database queries and indexing in PostgreSQL and MongoDB, reducing response times by 40%
- Designed and implemented secure authentication workflows including role-based access control (RBAC)
- Developed automated CI/CD pipelines to streamline deployment processes
- Built reporting dashboards and analytics views to support business decisions
- Partnered with QA to define test cases and improve release stability

Junior Full Stack Developer   Dec 2019 - Dec 2021

Softroniics Solutions, Palakkad, Kerala, India

React, Django REST Framework, FastAPI, PostgreSQL, MongoDB, AWS, GCP

- Developed dynamic, responsive frontend applications using React.js and TypeScript
- Built Inventory Management System and CRM platform with CRUD operations and role-based access control
- Engineered secure e-voting system with real-time encryption and tamper-proof mechanisms
- Supported cloud-based deployments and infrastructure provisioning using Docker and Terraform
- Collaborated on API design, documentation, and integration testing with senior engineers
- Implemented reusable UI patterns and improved accessibility across core pages

PROJECTS

AI-Powered Quote Automation Platform

Production-ready platform automating quotation generation with real-time AI/ML inference capabilities.

> Frontend: Next.js, TypeScript, Tailwind CSS, ShadCN UI. Backend: FastAPI, Ollama, OpenAI API. Impact: Automated 90% of manual processes.

- Owned end-to-end delivery, from UI flows and API integration to prompt tuning and deployment
- Implemented role-based access and audit logging to meet enterprise compliance needs
- Optimized inference latency and caching to keep real-time quote generation under 2 seconds

Secure E-Voting System

Enterprise-grade platform ensuring transparent, tamper-proof online elections with audit trails.

> Tech: React, Django REST Framework, PostgreSQL, JWT, Docker, CI/CD.

- Designed the vote-casting workflow with encryption, integrity checks, and duplicate prevention
- Built admin dashboards for election setup, voter lists, and live turnout reporting
- Hardened APIs with RBAC and rate limiting to reduce abuse surface

E-Commerce Platform

Full-featured solution with secure authentication, responsive UI, and scalable backend with payment integration.

Tech: React, Next.js, Django REST, PostgreSQL, MongoDB, GitHub Actions, GCP.

- Delivered product browsing, cart, and checkout journeys with responsive UX
- Integrated payment workflows and transactional email notifications
- Improved search and filtering performance with optimized indexing

CERTIFICATIONS

Learning Python Generators (LinkedIn Learning)

Docker Foundations Professional Certificate (Docker)

Learning Kubernetes (LinkedIn Learning)

SQL Practice: Intermediate Queries (LinkedIn Learning)

EDUCATION

Halmstad University, Sweden - Information Technology (Incomplete), 2021 - 2023

University of Calicut, India - Master of Computer Applications (MCA), 2016 - 2019

University of Calicut, India - Bachelor of Computer Science (BSc), 2013 - 2016