

Jithin John

Full stack Developer | Python, Fast API, Django, React, NextJs

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Professional Summary

Versatile and detail-oriented Full Stack Developer with over 4 years of experience in developing robust and scalable web applications. Skilled in Python (FastAPI, Django) for backend development and React, Next.js, TypeScript for modern frontend experiences. Strong expertise in Docker, Kubernetes, GCP, and Terraform for cloud-native deployments. Passionate about clean code, system architecture, and DevOps principles. Experienced in building AI/ML-enabled platforms with real-time integrations. Seeking to contribute full stack expertise to cutting-edge projects in Sweden's tech industry.

Technical Skills

Backend Development

Python (FastAPI, Django, Flask)

RESTful & GraphQL API Development, schema/versioning, pagination, error handling

FrontEnd Development

React.js, Next.js, TypeScript, JavaScript,

HTML5, CSS3, Tailwind CSS, Bootstrap, ShadCN UI, WordPress + Elementor Pro, WooCommerce, ACF,

CPTs, WP REST API

AI & Machine Learning

ML frameworks (Scikit-learn)

LLM Models : Ollama(Local model hosting), OpenAI (Via API Integration)

Cloud & DevOps

Google Cloud Platform (GCP), AWS

Docker & Kubernetes (Containerization & Orchestration)

Terraform (Infrastructure as Code - IaC)

CI/CD: GitHub Actions (build/test/deploy, env promotions)

Databases

PostgreSQL, MySQL, MongoDB, SQLite

Database Optimization & Query Performance Tuning

Security & Best Practices

Secure Coding Practices

Authentication & Authorization (OAuth, JWT)

API Security & Rate Limiting

Version Control & Tools

Git, GitHub, GitLab

VSCode, PyCharm

Certifications

- Learning Python Generators (LinkedIn Learning) – Advanced knowledge of iterators & yield expressions for memory-efficient applications.
- Docker Foundations Professional Certificate (Docker) - Foundational knowledge on Docker focusing on Containerization.
- Learning Kubernetes (LinkedIn Learning) - Introduction to Kubernetes for container orchestration and management.
- SQL Practice: Intermediate Queries (LinkedIn Learning) – Expertise in joins, subqueries & query optimization.

Projects

AI-Powered Quote Automation System (Self-Initiated Project)

Developed a production-ready AI-powered platform to automate quotation generation and predict pricing based on input data. The system integrates modern frontend technologies with backend AI/ML models to provide real-time, accurate quotes for clients

Frontend: Built with Next.js and TypeScript, featuring dynamic forms, API integrations, and reusable custom UI components using Tailwind CSS and ShadCN.

Backend: Created REST APIs using FastAPI, integrated Ollama for local LLM model inference and OpenAI for intelligent decision-making.

E - Voting System

Developed a secure and scalable fullstack e-voting application to ensure transparent and tamper-proof online elections.

Frontend: Built a responsive UI using React.js with conditional rendering, form validations, and role-based dashboards for voters and admins.

Backend: Created RESTful APIs with Django REST Framework supporting secure voter registration, voting logs, and real-time result updates.

Security: Implemented real-time encryption, JWT-based authentication, and vote integrity checks to prevent tampering or duplication.

DevOps: Containerized with Docker, integrated basic CI workflows, and deployed on cloud environment.

Database: Designed scalable schema in PostgreSQL with auditing capabilities and voting history tracking.

E-Commerce System

Built a complete e-commerce solution with secure authentication, responsive UI, and scalable backend—capable of handling real-world product listings, payments, and order workflows.

Frontend: Developed using React.js, Next.js, and Bootstrap, with responsive product listings, cart management, and RazorPay payment integration.

Backend: Used Django REST Framework for RESTful APIs, implemented JWT-based user authentication, and real-time order tracking logic.
Database: PostgreSQL + MongoDB hybrid for performance and flexibility.

DevOps: Dockerized microservices, CI/CD with GitHub Actions, hosted on GCP.

Professional Experience

Readymade AB. -Skene,Sweden (onsite)

Fullstack Developer | September 2025– Present

- Build high-converting websites with wordpress and Elementor Pro , creating reusable design systems, global styles , and responsive layouts.
- Develop custom Wordpress plugins and theme fuctions in php(hooks/actions,shortcodes,custom widgets) to extend Elementor beyond out-of-the-box capabilities.
- Model content with Custom Post Types and Advanced Custom Fields (ACF) surface data via WP REST API for dynamics components.
- Optimize performance and SEO image compression, lazy loading ,preloading keyassets,caching(page/object/opcode), and structured data - improving Core Web Vitals.
- Implement WooCommerce customizations (templates,checkout,hooks) and payment/shipping integrations configure product data and automation.
- Set up CI/CD with GitHub Actions (lint/test/build ->SFTP/SSH deploy), versioning themes/plugins and running backups/db migrations.
- Collaborate with designers to translate Figma/briefs into pixel-perfect Elementor components with accessibility(WCAG 2.1 AA) in mind.

TechStack: WordPress, Elementor Pro, PHP, JavaScript (ES6), jQuery, WooCommerce, ACF, WP REST API, MySQL, Nginx/Apache, Git, GitHub Actions, Docker (local dev), CSS/SASS

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

Fullstack Developer | April 2024 – March 2025

- Designed and implemented user interfaces using React and Nextjs with component libraries like Tailwind Css and Shadcn UI.
- Integrated dynamic and Restful API using Fast API and Django ,ensuring smooth communication between the frontend and the backend.
- Developed Interactive features using Typescript,enhancing frontend reliability scalability
- Built SSR and SSG pages in Next.js for performance optimization and SEO.
- Implemented microservice architecture with Docker and Kubernetes for scalable deployment on GCP.
- Established CI/CD pipelines using Github Actions to automate test and deployment cycles.
- Led Infrastructure as Code initiatives using Terraform to automate GCP provisioning.

Tech Stack: React, Next.js, FastAPI, Django, Typescript, Javascript, Docker, Kubernetes, GCP, Terraform, GitHub Actions, Git.

Softroniics Solutions – Calicut, Kerala, India

Fullstack Developer | July 2023 – March 2024

- Developed and maintained user-friendly frontend interfaces for e-commerce platforms using Python Django , React and Next.Js
- Integrated secure backend services using Django& Fast API with JWT OAuth authentication.
- Improved frontend performance and accessibility with optimized code and lazy loading techniques.
- Implemented secure authentication & authorization mechanisms (JWT, OAuth) for API security.
- Optimized database queries & indexing in PostgreSQL & MongoDB, reducing response times by 40%.
- Developed CI/CD pipelines to automate deployment processes.
- Implemented API monitoring & logging for enhanced observability and debugging.

Tech Stack: Python,React , Next.Js, FastAPI, Django, Flask, PostgreSQL, MongoDB, GCP, Docker, Kubernetes, Terraform, Github.

Softroniics Solutions – Palakkad, Kerala, India

Junior Fullstack Developer | Dec 2019 – Dec 2021

- Developed dynamic and responsive frontend applications using React.Js ,Typescript and javascript , Integrating them with robust RESTFul APIs from Django Rest Framework and FastAPI.
- Designed and implemented user-friendly dashboards and forms, following component-driven development.
- Built full-fledged Inventory Management System and Customer Relationship Management (CRM) platform, with CRUD operations ,data validation, and role-based access control.
- Implemented form validations ,conditional rendering , and state management (React Context API) ,ensuring seamless frontend-backend integration.
- Created reusable React Components and styled them with CSS3 and utility frameworks.
- Engineered an E-voting system with realtime encryption and secure frontend Interactions.
- participated in code reviews and sprint planning , actively contributing to a colabarative and iterative development cycle.
- Gained hands-on experience in deploying cloud-based applications and optimizing backend infrastructure.
- Assisted in cloud deployments and infrastructure provisioning using Terraform and Docker.

Tech Stack: Python , React ,SQLite, MongoDB, PostgreSQL Django REST Framework (DRF), FastApi, Flask, Docker, Terraform, AWS, GCP, Github Actions.

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