

RAMESH KUMAR DAS

Full-Stack Developer | React.js, Next.js, Node.js, FastAPI, PostgreSQL

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PROFESSIONAL SUMMARY

Full-Stack Developer with 6.5+ years of experience designing, developing, and deploying scalable web applications and distributed systems. Strong expertise in building production-grade full-stack solutions using React.js, Next.js, Node.js, and FastAPI. Proven ability to architect RESTful APIs, microservices-based systems, and secure backend services with optimized database design and high availability. Experienced in delivering end-to-end SaaS platforms with focus on performance, scalability, and maintainability. Skilled in cloud deployment, Docker-based containerization, and CI/CD pipelines for modern DevOps workflows. Adept at integrating AI-powered features, automation systems, and data-driven functionalities into full-stack applications to enhance product intelligence and user experience. Strong background in system design, API architecture, and cross-functional collaboration in agile development environments.

TECHNICAL SKILLS

Languages: Python3, JavaScript, TypeScript

Frontend Development: React.js, Next.js, Tailwind CSS, HTML5, CSS3, Responsive UI Design, Component-Based Architecture

Backend Development: Node.js, Express.js, FastAPI, Django, RESTful APIs, GraphQL, WebSockets, Asynchronous Programming, Celery, Redis

Databases: PostgreSQL, Prisma, MongoDB, Redis, Supabase

Authentication & Security: JWT, OAuth 2.0, Auth0, RBAC, Secure API Design, CSRF Protection, Session Management

System Design & Architecture: Microservices Architecture, Scalable Backend Systems, Distributed Systems Fundamentals, Event-Driven Architecture

API & Integrations: REST APIs, Webhooks, Third-Party Integrations (Stripe, PayPal, Twilio, Firebase)

DevOps & Cloud: Docker, Docker Compose, Nginx, GitHub Actions, CI/CD Pipelines, AWS (EC2, S3, Lambda), VPS Deployment

Testing & Monitoring: Postman, Logging, Sentry

Tools: Git, GitHub, Linux, VS Code, Cursor, AntiGravity

PROFESSIONAL EXPERIENCE

Senior Full-Stack Developer

Kliky AI | Kuwait | 2024 – Present

- Designed and developed scalable full-stack web applications using React.js, Next.js, Node.js, and FastAPI.
- Built and maintained RESTful APIs and backend services supporting high-traffic production systems.
- Developed microservices-based architecture to improve scalability and system maintainability.
- Implemented authentication and authorization systems using JWT and OAuth 2.0.
- Optimized database performance in PostgreSQL and MongoDB for large-scale applications.
- Deployed applications using Docker, AWS, and CI/CD pipelines for automated releases.
- Integrated third-party APIs including payment gateways, messaging services, and cloud tools.
- Collaborated with cross-functional teams in Agile environments to deliver production-ready features.

Full-Stack Developer

AJATH INFO TECH PVT. LTD. | India | 2021 – 2023

- Designed and developed scalable full-stack web applications using **React.js, Next.js, Node.js, Express.js, and Django**, delivering multiple production-grade client solutions.
- Built and optimized **RESTful APIs and backend services**, improving system response time by **35%** and enhancing frontend-backend communication efficiency.
- Implemented **real-time features using WebSockets and Redis caching**, reducing server load by **25%** and improving real-time data delivery performance.
- Designed and optimized **PostgreSQL/MySQL database schemas**, improving query performance by **30%** through indexing and query optimization techniques.
- Implemented secure authentication and authorization systems using **JWT and RBAC**, reducing unauthorized access risks and improving system security compliance.
- Led participation in **system design discussions and code reviews**, improving code quality and reducing production bugs by **20%**.
- Enhanced application scalability and performance through **backend optimization and caching strategies**, supporting increased concurrent user load.
- Assisted in deployment using **Docker and CI/CD pipelines**, reducing deployment time by **40%** and improving release reliability.

Full-Stack Developer

SARAJ SYSTEM PVT. LTD. | India | 2019 – 2021

- Developed responsive and high-performance frontend applications using **React.js, Next.js, HTML5, CSS3, and Tailwind CSS**, improving UI responsiveness by **40%**.
- Built scalable backend APIs using **Node.js, Express.js, and Django**, supporting multiple production modules and improving system stability.
- Designed and optimized **MySQL and PostgreSQL database structures**, reducing query execution time by **25%** through schema refinement.
- Implemented secure authentication systems using **JWT and OAuth-based flows**, improving login security and session reliability.
- Integrated **real-time communication systems using WebSockets and Redis**, improving data synchronization speed by **30%**.
- Contributed to system architecture decisions, improving **API structure consistency and scalability across modules**.
- Optimized backend performance and reduced API latency by **20–30%** through code refactoring and caching strategies.
- Worked in Agile environment, contributing to sprint planning, debugging, and production deployments with improved delivery consistency.

EDUCATION

High School Diploma in Computer Science / Information Technology

Geeta University | 2020

SELECTED PROJECT STRENGTHS

Full-Stack Engineering: End-to-end application development using React.js, Next.js, Node.js, Express.js, FastAPI, and Django, delivering scalable and production-ready systems.

System Design & Backend Architecture: Design of scalable backend systems and microservices architectures using REST APIs, event-driven systems, Redis, and asynchronous processing.

Data & Performance Engineering: Strong experience in database design, optimization, and caching strategies using PostgreSQL, MySQL, MongoDB, and Redis.

DevOps & Deployment Engineering: Hands-on experience with Docker, CI/CD pipelines, GitHub Actions, AWS, and VPS deployment, enabling automated and reliable production systems.

API & Integration Engineering: Development of secure REST APIs, WebSockets, and third-party integrations including payment, messaging, and cloud services.

AI-Integrated Full-Stack Systems (Support Skill): Integration of AI-powered features into full-stack applications using API-based models and automation workflows.