

Shyam Kumar

Senior Full Stack Developer

Senior Full Stack Developer with 3+ years of experience building scalable web applications. Expertise in modern JavaScript frameworks, backend development, and cloud infrastructure. Proven track record in delivering end-to-end solutions with a focus on performance and user experience.



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WORK EXPERIENCE

Fullstack Web Developer CybersapientTechnologies Pvt Ltd

02/2024 - Present

Remote

Achievements/Tasks

- Led EHR platform development for 10,000+ healthcare providers, boosting operational productivity by 30% through automated workflows.
- Built serverless data pipeline using AWS S3 and Lambda to process and clean CSV data with 99.9% accuracy.
- Integrated DrChrono Webhook API and AWS SES for real-time data synchronization and automated email notifications.
- Developed real-time analytics dashboard using Next.js and Shadcn/UI with interactive data visualizations.
- Optimized PostgreSQL query performance by 70% through strategic indexing, partitioning, and query optimization.
- Conducted comprehensive code reviews ensuring high code quality, maintainability, and adherence to industry best practices.

Contact : Krishna Prasad

Web Developer Ethernex IT & Risk Management Solution

01/2022 - 01/2024

UAE, Abu Dhabi

Accomplishments

- Enhanced website performance by 35% through image optimization, lazy loading, and efficient bundling strategies.
- Designed and developed 15+ RESTful APIs ensuring seamless frontend-backend communication with proper error handling.
- Integrated Stripe payment gateway with advanced features including subscriptions, refunds, and webhook handling.
- Implemented responsive web applications supporting 5,000+ concurrent users across multiple devices.

Contact : Sharth Murali

EDUCATION

Bachelor of Technology in Computer Science

Mangalam College of Engineering

07/2005 - 04/2009

India Kerala

SKILLS

Next JS

System Design & Architecture

Linux

Docker

Typescript

Git

NodeJS

EC2, Lambda, ECS

OpenAI GPT, Claude AI integration

S3

RDS, PostgreSQL

CloudWatch

MCP (Model Context Protocol)

Python

Mongo DB

FastAPI

REST API

SNS, SES

Git

PERSONAL PROJECTS

AeghisCorp Dashboard - Shipping Operations Management Platform (02/2025 - Present)

- Built comprehensive maritime operations platform using Next.js, TypeScript, and PostgreSQL, managing 100+ vessels with real-time tracking via React Leaflet integration and automated status workflows.
- Developed advanced invoice management system with time-based status tracking (15/60-day thresholds), multi-format export capabilities, and comprehensive timesheet integration for operational transparency.
- Architected scalable AWS infrastructure (EC2, RDS) with sub-5-second export generation, secure authentication via NextAuth.js, and responsive design supporting 50+ concurrent users across desktop and mobile devices.

Fundcy - Personal Finance Tracker (12/2024 - 01/2025)

- Developed full-stack personal finance application using Next.js 14 App Router, TypeScript, and PostgreSQL with Drizzle ORM, featuring comprehensive transaction management and goal tracking for financial health monitoring.
- Implemented advanced analytics dashboard with Recharts visualization, automated net worth calculations, category-based spending analysis, and PDF report generation with real-time financial insights.
- Built robust authentication system with NextAuth.js, Zod schema validation across client/server, and deployed on Vercel with Neon serverless PostgreSQL for optimal performance and security.

SOFT SKILLS

Communication

Code review

Complex debugging skills

Time Management

Technical decision-making

Solution architecture