SURYA K

Full stack Developer

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FULL STACK DEVELOPER

I have **5.6+ years of professional experience** in software development, including **2.3+ years as a Full Stack Developer** specializing in **ReactJS, Next.js, NestJS, Node.js, JavaScript, TypeScript, PostgreSQL, and MongoDB**. I build scalable frontend applications, develop robust backend APIs and services, design efficient database solutions, and deliver responsive, component-based user experiences.

Additionally, I have **3.2+ years of experience in AWS Cloud Administration** (AWS - SAA), managing cloud infrastructure, automating deployments, optimizing application performance, and maintaining secure, highly available, and scalable environments.

TECHNICAL SKILLS

Frontend Technologies: ReactJS,Next.js,HTML5, CSS3, Tailwind CSS

Backend Technologies : Node.js,NestJS,Core Java

State Management: Redux, React Hooks, Context API

Version Control & Collaboration: Git, Bit-bucket, Jira,Click-up

Development Tools & Editors: Cursor**,** Copilot, Anti-gravity

Database: PostgresSQL, AWS RDS and MongoDB

Cloud & Deployment: AWS (EC2, S3, RDS, IAM, ELB, CloudFront ,Route53), Linux Servers.

PROFESSIONAL EXPERIENCE

NanoNino Inc **Dec 2025 – Present**
Full stack Developer

Project: Courserev.ai

AI-powered golf course booking and customer engagement platform leveraging conversational AI voice agents, intelligent knowledge bases, and centralized administration. As a Full Stack Developer, I contributed to the development of scalable web applications and backend services using **Next.js, NestJS, PostgreSQL, and TypeScript**. I built and enhanced AI voice workflows by integrating **Vapi and Twilio** for real-time voice communication. Developed a Super Admin Prompt Library for centralized prompt management, versioning, and deployment across AI agents. Designed and implemented **Knowledge Base (KB)** and dashboard modules to support AI-driven responses and analytics. Deployed and maintained applications on Google Cloud Platform (Cloud Run, Compute Engine, Cloud Build, and Cloud Storage). Focused on performance optimization, secure API development, and scalable architecture while collaborating with cross-functional teams in an **Agile environment**.

Roles and Responsibilities:

- Developed and maintained full-stack web applications using **Next.js, NestJS, TypeScript, PostgreSQL**.
- Designed and implemented scalable **REST APIs**, backend services, authentication, and database integrations for AI-powered applications.
- Built and integrated **AI Voice Agents** using **Vapi** and **Twilio**, enabling real-time conversational workflows and telephony capabilities.
- Developed the **Super Admin Prompt Library** with prompt versioning, centralized management, and configurable AI agent behavior.
- Designed and implemented **Knowledge Base (KB)** and **Admin Dashboard** modules to manage AI content, analytics, and operational workflows.
- Deployed, monitored, and maintained applications on **Google Cloud Platform (Compute Engine, Cloud Run, Cloud Build, and Cloud Storage Buckets)**.
- Collaborated with product managers, QA engineers, and cross-functional teams using Agile methodologies to deliver high-quality, production-ready features.

SmartanSys Technologies Pvt Ltd **Dec 2024 – Aug 2025**

ReactJS Developer

Project: PEJTIC

Pejtic is a comprehensive SaaS platform built for **IT staffing, consulting, and recruitment firms** in the USA, enabling organizations to manage the complete employee lifecycle and business operations from a single application. The platform streamlines **employee onboarding, client management, project tracking, timesheet processing, invoicing, and job recruitment** through an integrated workflow. It also includes an **Applicant Tracking System (ATS)**, marketing lead management, document management, and role-based access control to improve operational efficiency. Designed as a scalable multi-user solution, Pejtic centralizes workforce, financial, and recruitment processes while enhancing collaboration, productivity, and compliance across organizations.

Roles and Responsibilities:

- Designed, developed, and deployed Pejtic , a comprehensive web platform for managing Projects, Employees, Jobs, Timesheets, Invoices, and Clients, using **ReactJS and Tailwind CSS.**
- Built reusable, responsive UI components with Tailwind CSS, ensuring seamless interaction across desktop and mobile devices.
- Implemented dynamic, nested routing with React Router v6, covering both public and authenticated admin routes.
- Managed complex component states using **useState, useEffect, useRef, and useReducer**, ensuring smooth data flow and UI updates.
- Built modular and maintainable architecture with component-based design, focusing on clean separation of concerns.
- Integrated form validations and conditional rendering across all modules for enhanced user experience.
- Used **Bit-bucket** for version control and collaborated via **JIRA** for sprint planning and progress tracking.
- Designed, deployed, and managed the **complete AWS cloud infrastructure** for the Pejtic platform, ensuring high availability, scalability, and secure production environments.
- Automated application deployments, configured networking and security, monitored system performance, and optimized cloud resources for cost and operational efficiency.

Software Trainee

Project: Ecommerce Web Application **Mar 2024 - Nov 2024**

A full-featured, responsive E-commerce web application built with React. The platform allows users to browse products, add to cart and wish list, manage quantities, and place orders. It includes a customer interface as well as a basic admin dashboard to manage product listings. The application is styled using Tailwind CSS for modern, responsive design and uses Context API and Reducer for state management. React Router is used for dynamic navigation and conditional routing based on user interaction.

Roles and Responsibilities:

- Developed the entire frontend UI using React and styled it using Tailwind CSS for a mobile-first, responsive experience.
- Implemented routing with React Router for product listing, cart, checkout, and admin pages.
- Used **React Context API + useReducer** for managing global cart and wish list states.
- Built reusable components for products, filters, navigation, and layout.
- Handled conditional rendering for different user states.
- Integrated localStorage for cart and wish list persistence.
- Followed component-based architecture for maintainability and reusability.

SmartanSys Technologies Pvt Ltd **Dec 2020 - Feb 2024**

AWS Cloud Administrator(AWS- SAA)

Managed and maintained AWS cloud infrastructure, ensuring secure, scalable, and high-performance environments to support business operations. Oversaw server deployment, configuration, and lifecycle management, optimizing system performance, reliability, and uptime. Implemented best practices for cost optimization, monitoring, and automation, leveraging AWS services such as EC2, S3, RDS, IAM, CloudFront, and Route 53. Proactively identified and resolved infrastructure issues, ensuring seamless application performance and business continuity.

Key Responsibilities as AWS Cloud Administrator:

- Managed and maintained AWS infrastructure including **EC2, S3, RDS, IAM, CloudFront, and CloudWatch**, ensuring secure, scalable, and optimized deployments.
- Configured and maintained Linux servers, implemented IAM roles and policies, **SSL/TLS via AWS Certificate Manager (ACM)**, and ensured automated backups and disaster recovery strategies.
- Administered **Route 53, Elastic Load Balancers**, and CDN distributions for high availability, redundancy, and fast content delivery.
- Deployed and managed applications using **Elastic Beanstalk, Docker, and AWS ECS,** integrating CI/CD pipelines for continuous deployment.
- Monitored system health using CloudWatch and CloudTrail, configured alarms, and performed proactive troubleshooting to maintain optimal uptime.
- Optimized infrastructure costs and performance through **Auto Scaling, AWS Trusted Advisor**, and Resource Tagging strategies.

EDUCATION

Bachelor in computer science engineering
VidyaVikas College of Engineering and Technology | 2015

State Board
Mahendra Mat Hr. Sec. School | 2010