

NAGABABU MEDISETTI

Senior Software Developer

OBJECTIVE

Senior Software Developer focused on frontend development, building scalable and high-performance UIs with React.js, and Next.js., complemented by backend expertise in Node.js, NestJS, and AWS to deliver full-stack, end-to-end solutions.

CONTACT DETAILS

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nagab198



EDUCATION



B.Tech. in Electrical Engineering from Kakinada Institute of Engineering & Technology, Andhra Pradesh | 2021

Diploma in Electrical Engineering from Kakinada Institute of Engineering & Technology, Andhra Pradesh | 2017

Matriculation from MZP High School, Andhra Pradesh | 2014

CORE COMPETENCIES



Frontend Development (React.js, Next.js, Vue.js)



Backend Development (Node.js, NestJS)



AWS & Serverless (Amplify, Lambda, AppSync)



API Integration & Microservices Architecture



Query & Web Performance Optimization



UI/UX Optimization & Performance



Reusable Component Architecture



Scalability & High-Availability Systems



Agile Methodology



PROFILE SUMMARY

- **AWS Certified Developer Associate & ML Engineer** with 5 years in frontend-driven Full Stack development on cloud-native/serverless architectures.
- Senior Software Developer at Compileinfy Technology Solutions, Hyderabad; delivered enterprise **web apps with 99.9% uptime across frontend, backend, and AWS serverless.**
- **AWS-certified:** Claude with Amazon Bedrock, Generative AI Applications, SageMaker, Foundations of Prompt Engineering.
- Skilled in **TypeScript, React.js, Next.js, Vue.js, Node.js, NestJS, AWS Amplify**; expertise in UI/UX optimization, API integration, cloud-native, Agile & DevOps.
- Designed & deployed scalable cloud-native applications with **99.9% uptime**; Built AWS Migration Automation Library; improved deployment efficiency and **cut migration time by 40%.**
- Enhanced **frontend performance 30%** via component optimization, caching & server-rendered UI.
- Developed **reusable frontend components**; integrated Tailwind CSS, shadcn/ui, Refine.
- **Used AI-assisted tools** to streamline workflows, reduce overhead, and accelerate delivery.
- Mentored **10+** junior developers in coding best practices, AWS, modern frontend architecture.
- Experienced in **Microservices, Monorepo (Nx), CI/CD automation**, end-to-end Agile product delivery.



CAREER TIMELINE

PHP Web Developer, Peepstake Pvt. Ltd. Hyderabad, Telangana



Senior Software Developer, Compileinfy Technology Solutions Pvt. Ltd., Hyderabad, Telangana



CERTIFICATIONS



Certified Developer - Associate
- AWS



Certified Machine Learning Engineer – Associate
– AWS



WORK EXPERIENCE

Senior Software Developer
Compileinfy Technology Solutions Pvt. Ltd. | Hyderabad, Telangana Feb'22 - Present

Key Result Areas:

- **Architected and maintained a Multi-Tenancy CRM** using NestJS microservices and React.js, ensuring seamless **frontend-backend integration** with Keycloak, Okta, and Casbin for secure access control.

IT SKILLS



- **Frontend Technologies:** HTML5, CSS3, Shadcn/UI, Tailwind CSS, Bootstrap, React.js, Next.js, Vue.js, React Native
- **Backend Technologies:** Node.js, NestJS, PHP, Laravel, CodeIgniter
- **Programming Languages:** JavaScript (ES6+), TypeScript, PHP
- **Databases:** MySQL, PostgreSQL, DynamoDB
- **Cloud Platforms & AI Services:** AWS (Amplify, Lambda, AppSync, Cognito, S3, EC2, DynamoDB, CloudFormation, Bedrock, SageMaker), Serverless Architecture
- **DevOps & CI/CD Tools:** Git, Bitbucket, Docker, AWS CLI, Postman, Chrome DevTools, CI/CD Pipelines
- **Software Engineering & Architecture:** RESTful APIs, GraphQL, Microservices, Monorepo (Nx), OAuth 2.0, JWT, Payment Gateway Integration, Third-Party SDKs
- **Design & Collaboration Tools:** Figma, lucidchart, Adobe XD, Adobe Photoshop
- **IDEs & Development Tools:** VS Code, PHPStorm, WebStorm, Cursor AI

EXTRACURRICULAR ACTIVITIES



- **AWS Online Summit 2025:** Active Participant | Virtual Event | 2025
- **AWS Innovate – AI/ML Edition:** Participant | Virtual Event | 2025
- **AWS Community Builders Program:** Active Contributor | Ongoing

SOFT SKILLS



Problem-Solving: Identify and resolve complex frontend and backend challenges, optimize performance, and enhance user experience.

Collaboration & Teamwork: Work effectively in Agile teams across Node.js, React.js, NestJS, and AWS environments.

Continuous Learning: Stay updated on AI/ML, cloud technologies, and emerging frameworks to improve development practices.

Adaptability: Quickly learn and apply new technologies such as Azure, Docker, and modern frontend/backend tools.

- **Built and deployed** scalable **microservices**, **RESTful** and **GraphQL APIs** using **Node.js**, **TypeScript**, and **AWS Amplify** within Agile and CI/CD environments.
- **Architected enterprise-grade applications** with **multi-tenancy**, **authentication**, and **fine-grained authorization** solutions.
- **Structured projects** using **Monorepo (Nx)** for **modularization**, **code reuse**, and **CI/CD efficiency** across multiple services.
- **Integrated AI capabilities** and **third-party APIs** (LLM APIs, **AWS Bedrock**, payments, analytics) to enhance overall **application functionality**.
- **Optimized and managed cloud-native/serverless applications** on **AWS**, enhancing **database performance**, **streamlining ETL pipelines**, and improving scalability and **cost efficiency**.
- Collaborated with cross-functional teams to deliver AI-ready, high-availability solutions, while mentoring 10+ developers on frontend architecture, cloud deployment, and clean coding best practices.

Highlights:

- Optimized user experience and enhanced security with Next.js, increasing page load **speed by 30%**, supporting a user base of **1M+**.
- Led system design for high availability, **Reduced API response time** & seamless **service integration**.
- Reduced deployment time by **40%** through automation using custom **AWS CLI migration tools** and CI/CD pipelines.
- Implemented various Design Patterns, such as the Singleton Pattern and Factory Pattern, to improve code structure and maintainability. Enhanced application security through best practices.
- Utilized lock and release mechanisms to effectively overcome race conditions, ensuring data integrity in concurrent operations.
- Implemented data-driven features using DynamoDB and PostgreSQL, improving performance by **30%**.
- Built and deployed **serverless architectures** with **AWS Lambda**, **AppSync**, and **Cognito**, achieving better scalability and cost efficiency.
- Designed and optimized **ETL pipelines** for internal analytics using AWS Glue, S3.
- Led system design for high availability, Reduced API response time & seamless service integration.

PHP Web Developer

Peepstake Pvt. Ltd | Hyderabad, Telangana

Jun'21 – Jan'22

Key Result Areas:

- Developed responsive web applications using Core PHP, MySQL, HTML, CSS, and JavaScript.
- Implemented object-oriented design (OOP) and optimized database queries for scalability.
- Supported back-end improvements and front-end integrations to enhance user experience.



PROJECTS UNDERTAKEN

Healthcare Management Platform

Technologies: PHP Laravel, MySQL, JavaScript, RESTful APIs, Bootstrap

Blockchain Infrastructure Platform

Technologies: PHP, JavaScript, Vue.js, Blockchain APIs, MySQL

E-commerce Enhancement

Technologies: Shopify, JavaScript, Payment Gateway APIs, Performance Optimization

Healthcare Data Driven Internal AWS Application

Technologies: Node.js, Reactjs, Nextjs, AWS CLI, DynamoDB, Cognito, TypeScript, Amplify stack(lambda function, step function, s3 storage, appsync(GraphQL), opensearch, APIGateWay)

AWS Migration Automation Tool

Technologies: Node.js, AWS CLI, DynamoDB, Cognito, TypeScript

Multi Tenancy CRM Application

Technologies: NestJS, Nextjs (refine), AWS, GCP, Keycloak, Casbin, and Monorepo enterprise architecture.



PERSONAL DETAILS

Languages Known

: English, Hindi, Telugu

Address

: Sameera sisiram Apartments kondapur, Gautami Enclave, Hyderabad, Telangana - 500084

Web Profile

: nagababu.mediseti.in