

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



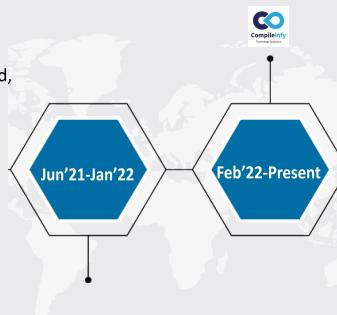
PROFILE SUMMARY

- 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

- 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.

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.

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.medisetti.in