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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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 &
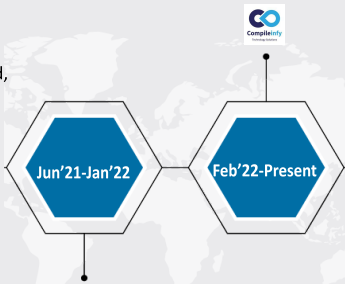High-Availability Systems

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

Jun'21-Jan'22

Feb'22-Present

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.

- **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.