

CAREER OBJECTIVE

Backend Developer & Cloud Solutions Architect with 3 years of experience in enterprise systems and cloud infrastructure. Expert in Node.js backend development and serverless architectures with comprehensive AWS cloud management through Terraform and CloudFormation. Skilled in secure VPC configuration, implementing private subnets, security groups, and gateway management for enhanced protection. Proficient in MongoDB database architecture with secure implementation patterns. Strong system design capabilities focusing on scalability and security. Experienced in CI/CD automation with additional competency in React.js frontend development. Committed to delivering high-performance, secure cloud solutions aligned with business objectives.

SKILLS

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| <ul style="list-style-type: none">JavaScript/TypeScriptNode JSMongoDB/NoSQLReact.js/ReduxGraphQL | <ul style="list-style-type: none">AWS Cloud Services (Lambda, ECS, EC2, SQS, Cognito, Appsync)Serverless ArchitectureInfrastructure as Code (Terraform, CloudFormation) | <ul style="list-style-type: none">CI/CDSystem Design & ArchitectureCloud Security ImplementationVPC Configuration & Security |
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WORK EXPERIENCE

Backend Developer & Cloud Solutions Architect

Ariveguru Technology Solution Private Limited | May 2024 - Present

Univo Medical Trial Platform (AWS Serverless Project)

- Architected HIPAA-compliant medical trial management system using AWS AppSync and GraphQL, reducing data processing time by 40%.
- Implemented multi-layered security with isolated VPC subnets, NACLs, and security groups, achieving 100% compliance with healthcare data protection requirements.
- Created infrastructure as code using Terraform and CloudFormation, enabling automated deployment across development, staging, and production environments.
- Optimized MongoDB database with private endpoint connectivity, custom indexing, and query optimization for high-throughput medical data processing.

Adverra Document Processing Platform (AI Integration Project)

- Engineered AI-powered document extraction solution processing 10,000+ documents daily with 95% accuracy using LangGraph for multi-agent orchestration.
- Designed secure architecture with containerized services deployed on ECS, implementing agent-to-agent communication protocols.
- Established secure networking with private subnets, VPC endpoints, and encrypted data transfer between processing components.
- Implemented CI/CD pipelines with AWS CodePipeline incorporating automated testing, security scanning, and zero-downtime deployment strategies.

Backend Developer

GAE Projects Private Limited | Aug 2022 - April 2024

Enterprise Resource Planning Platform

- Developed modular Node.js/Express microservices architecture for a scalable ERP system handling multiple business domains.
- Engineered RESTful APIs with advanced validation, error handling, and comprehensive documentation for cross-module data exchange.
- Deployed AWS Cognito with role-based access control (RBAC) to secure sensitive data and applications, managing permissions for 500+ users and improving overall security posture.
- Configured and optimized MongoDB database architecture with sharding strategies for performance optimization.

Customer Portal Application

- Contributed to full-stack development using React/Redux for frontend and Node.js for backend API services.
- Configured AWS resources including EC2, S3, and CloudFront for application hosting and content delivery.

EDUCATION

Shreenivasa Engineering College **B.E Electronics And Communication Engineering**

2018 - 2022

CGPA : 7.9