NRUSIMHA SRI GANESH K

Full Stack Developer

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PROFESSIONAL SUMMARY

Full Stack Developer delivering scalable systems using React, Node.js, and cloud services. Specialized in serverless architecture and RESTful APIs, with solutions handling 7,000+ daily requests at sub-2s latency. Experienced with both frontend frameworks (React, Angular, Vue.js) and backend technologies (Node.js, Python, Java).

PROJECT EXPERIENCE

FITBILL | Gym Management System [Demo]

Technologies: React Native, Express.js, Node.js, Prisma, SQL, AWS Lambda

- Engineered a cross-platform system for 100+ users, implementing JavaScript, React Native, and AWS services
- Developed automated alerts and analytics dashboard using React and Node.js with RESTful API integration
- Architected serverless backend on AWS Lambda with Express.js and Prisma, cutting infrastructure costs by 90%
- Applied Agile development methodology with Git version control and CI/CD pipelines for deployment

STUDENT ATTENDANCE TRACKING SYSTEM [GitHub]

Technologies: AWS Lambda, Python, Express.js, WebSocket, DynamoDB, NoSQL

- Built serverless backend handling 3,000+ daily users using AWS, Node.js, and NoSQL database architecture
- Implemented Python scripting with BeautifulSoup for HTML parsing, processing 5,000+ data points daily
- Optimized cloud services using AWS best practices and Scrum development methodology
- Achieved 1.5–2s response times through efficient JavaScript coding and DynamoDB query optimization

LEARN-SPHERE – Curated Learning Platform [Demo]

Technologies: Next.js, React, JavaScript, Prisma, Google Gemini API

- Developed interactive learning portal using React and Next.js with responsive frontend design
- Implemented AI features using Google Gemini API with JavaScript and modern web frameworks
- Applied SQL database design principles with Prisma ORM for efficient data retrieval and storage
- Used Kanban project management for feature prioritization and Git for collaborative development

EDUCATION

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE | CGPA: 8.15/10.0

VIGNAN'S INSTITUTE OF INFORMATION TECHNOLOGY

Coursework: Data Structures, Algorithms, Database Systems, Web Technologies, Cloud Computing

SECONDARY EDUCATION (10+2) | KENDRIYA VIDYALAYA NO-2 SVN

ACHIEVEMENTS & LEADERSHIP

- **Hackathon Winner** – IWD Hackathon by Google Developer Group Vizag (2023)
- **Competitive Programming** – 4 CodeChef Coder, 600+ DSA problems solved on LeetCode, CodeChef, CSES
- **Technical Leadership** – Led CodeChef Student Chapter & GDG CP teams using Agile methods
- **Sports Achievement** – National Handball Goalkeeper representing Kendriya Vidyalaya

TECHNICAL SKILLS

Frontend: React, Angular, Vue.js, Next.js, HTML5, CSS3, Tailwind CSS, JavaScript, TypeScript

Backend: Node.js, Express.js, Java, C#, Python, RESTful APIs, WebSockets, Serverless Architecture

Database: SQL, PostgreSQL, MySQL, NoSQL, MongoDB, DynamoDB, Prisma ORM

Cloud & DevOps: AWS Lambda, AWS S3, Azure, GCP, Git, CI/CD Pipelines, Docker

Methodologies & Tools: Agile, Scrum, Kanban, JIRA, BeautifulSoup, Google API Integration