**PRANEETH NANGUNOORI**

**Sr. Full Stack Developer – Node.js | Express | TypeScript | AWS | REST/GraphQL**

**Professional Summary**

Full Stack Developer with 10+ years of experience building scalable enterprise applications using Node.js, Express.js, GraphQL/REST APIs, TypeScript, and React/Next.js. Strong background in AWS (EC2, Lambda, SNS, Rekognition), PostgreSQL, Redis, and Prisma. Proven ability in modernizing monolithic systems, integrating secure APIs, and automating cloud-native infrastructure. Deep understanding of CI/CD, containerization, and performance optimization.

**Technical Skills**

**Languages**: JavaScript, TypeScript, Python, Java, PL/SQL

**Frameworks**: Node.js, Express.js, React, Next.js, GraphQL

**DevOps**: Docker, GitHub Actions, Terraform, Kubernetes

**Cloud Platforms**: AWS (Lambda, EC2, SNS, Rekognition, S3), Azure

**Databases**: PostgreSQL, Redis, MySQL, SQL Server, MongoDB

**Testing**: Jest, Cypress, Postman

**Other**: Prisma ORM, Strapi, tRPC, WebSocket’s, SSE, OAuth2

**Professional Experience**

**3M – Sr. Full Stack Engineer  
📍 Dallas, TX | *Oct 2023 – Present*  
Stack:** Node.js, TypeScript, Next.js, Express.js, Prisma, PostgreSQL, AWS, Redis, tRPC

* Developed Node.js backend APIs using Express and Prisma ORM for a global monitoring tool.
* Migrated real-time communication from WebSocket’s to **Server-Sent Events (SSE)**.
* Designed and deployed **Retrieval-Augmented Generation (RAG)** pipelines with LLMs using **Ollama**.
* Integrated AWS services (SNS, Rekognition) with backend workflows.
* Led CI/CD automation with GitHub Actions and Terraform.

**Optum – Full Stack Engineer  
📍 Remote | *Oct 2021 – Oct 2023*  
Stack:** Node.js, Express.js, Next.js, Material UI, Redux, Azure, Kubernetes

* Built scalable backend APIs using **Node.js/Express** and integrated with microservices via TypeScript.
* Refactored monolithic endpoints into modular services with proper API encapsulation.
* Led migration to **Material UI v5** and integrated **Redux Saga** for state management.
* Worked on cloud scaling, Kubernetes deployment issues, and app performance monitoring using Splunk.

**Shelby County Government – Full Stack Engineer  
📍 Memphis, TN | *Apr 2011 – Oct 2021*  
Stack:** Node.js, Express.js, Next.js, Redis, Strapi, GraphQL, AWS, Python

* Developed a headless CMS using Strapi, Express.js, and GraphQL to manage 20+ content-driven sites.
* Built REST and GraphQL APIs to interface with React frontends.
* Created Node-based integrations with Redis, Checkout.js, and third-party payment processors.
* Automated workflows for COVID-19 vaccinations, AWS SNS notifications, and GIS-based geocoding using Python.

**Education:**

M.S., Electrical Engineering, Bradley University – Peoria, IL  
B.Tech., ECE, JNTU – Hyderabad, India