

NIDHINSHA VS

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Thrissur, Kerala, India

FULL STACK DEVELOPER

Backend-focused Full Stack Developer with 2 years of professional experience and 1 year as a MERN Stack Intern. Delivered enterprise-grade applications single-handedly—analytics dashboards, elderly-care monitoring systems, and admin portals. Skilled in MERN Stack, TypeScript, GraphQL, MongoDB, and cloud-native deployments on GCP. Strong in API development, database optimization, and DevOps automation.

PROFESSIONAL EXPERIENCE

Infi VR

September 2023 - Present

Full Stack Software Developer - AR VR

Accomplishments:

- **InfiVR Marketplace** – Developed a real-time analytics platform for VR/AR engagement, tracking metrics, interactions, and trends to improve content performance.
- **Crime Scene Backend & VW Admin Portal** – Architected secure REST & GraphQL APIs with JWT, RBAC, MFA for Unity-based session data ingestion; built React-based admin dashboard for user/session management.
- **Verity Surgery Simulation** – Created a configurable simulation dashboard with telemetry monitoring, file upload handling, and KPI visualization.
- **Ordis Elderly-Care System** – Integrated fall detection, Whisper AI transcription, incident logging, nurse handovers, SMS alerts to guardians, and PDF reporting.
- Boosted API performance by 50% via MongoDB schema redesign & Redis caching.
- Deployed containerized services (Docker + PM2) on GCP Compute Engine with Nginx load balancing.
- Automated CI/CD pipelines using GitHub Actions, integrated Postman & Swagger for QA and documentation.

Brototype

August 2022- September 2023

MERN Stack Intern

- E-Commerce Platform – Built product catalog, shopping cart, Stripe payments, and admin analytics, boosting user conversion by 20%.
- Bike Rental System – Implemented booking engine, real-time inventory tracking, and user history, improving operational efficiency by 30%.
- Designed MongoDB schemas, developed REST APIs with Express & Mongoose, and implemented robust validation with Yup.

EDUCATION

BACHELOR OF ELECTRONICS (BSC)

June 2019- April 2022

University of Calicut

TECHNICAL SKILLS

- **Languages & Frameworks:** JavaScript, TypeScript, Node.js, Express, React, Redux, REST, GraphQL
- **Databases & Cache** : MongoDB, PostgreSQL, Redis, Mongoose, Sequelize
- **DevOps & Cloud** : Docker, Kubernetes (basics), PM2, Nginx, Git/GitHub, CI/CD (GitHub Actions), GCP Compute Engine
- **Testing & QA** : Jest, Supertest, Postman, Swagger (OpenAPI)
- **Tools** : Vite, Figma, Jira, Confluence, Slack, VS Code