

KARNA HEMANTH KUMAR

Angular & Node. Js | Mean Stack Developer | Full Stack Developer

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SUMMARY

Full Stack / MEAN Stack Developer with 4.3+ years of experience specializing in Angular, Node.js (Express), and MongoDB. Experienced in building scalable web applications, developing RESTful APIs, and implementing secure authentication using Keycloak. Worked with Nx monorepo architecture, and AWS services (S3, Lambda, API Gateway). Focused on performance optimization, clean code, and delivering reliable enterprise-grade solutions.

SKILL

Frontend: Angular, TypeScript, JavaScript, Angular Material, Bootstrap, Tailwind CSS, HTML5, CSS3, Forms, RxJS, NgRx

Backend: Node.js, Express.js, RESTful APIs, JWT Authentication

Databases: MongoDB, Mongoose, CRUD Operations, Indexing, Aggregation Pipelines

Cloud & Serverless: AWS S3 (Bucket Management, File Storage), AWS Lambda (Python), API Gateway

Tools: Git, VS Code, Postman

Others: Google Maps API, ApexCharts, Microservices Architecture, API Gateway, Nx Monorepo, Keycloak

Soft Skills: Quick Learner, Collaborative Team Player, Proactive, Self-Motivated, Leadership

WORK EXPERIENCE

Kyra Solutions (Full-time) Mar 2025 – Present

Mean Stack Developer

- Developed and enhanced Angular-based user interfaces for image review, dashboards, filters, and reports, ensuring usability and performance.
- Integrated Node.js, Java-based REST APIs to fetch, process, and display image metadata, reviews, and audit data.
- Worked extensively with MongoDB & PostgreSQL, writing optimized queries to support reporting, filtering, and large-scale transactional data access.
- Implemented authentication and role-based authorization using Keycloak, securing application access across multiple user roles.

Asset Telematics Private Limited (Full-time) Oct 2021 – Feb 2025

Software Engineer

- Developed and maintained Angular-based web applications, successfully onboarding 500+ customers and managing 10,000+ IoT devices.
- Optimized Node.js REST APIs, reducing response time by 30% and efficiently handling high-concurrency requests.
- Designed and implemented MongoDB aggregation pipelines to process large IoT datasets, enabling faster analytics and optimized data retrieval.
- Integrated and customized JioXplor Maps API to improve real-time tracking accuracy and overall user experience.
- Collaborated with cross-functional teams in an Agile/Scrum environment, delivering 30+ sprints on schedule while meeting business requirements.

PROJECTS

Mira – Maintenance Information Reporting Application (Mar 2025 - Present)

Technologies: Angular, Node.js, MongoDB, Java APIs, PostgreSQL, Keycloak, AWS, Nx

- Implemented Settings and User Management modules, enabling flexible configuration and role-based access control across the application.
- Developed and enhanced Angular UI components, including image review screens, filters, and dashboards, improving reviewer efficiency and usability.
- Integrated frontend modules with Node, Java-based REST APIs to manage image metadata, review statuses, and audit information.
- Contributed to UI workflow enhancements, ensuring a smooth and consistent user experience across multiple review scenarios.
- Focused on clean architecture and performance optimization, improving application stability and maintainability.

JioHumsafar (Vehicle Tracking & Fleet Management) (Oct 2021 - Feb 2025)

Technologies: Angular, Node.js, Express, MongoDB

- Developed a real-time vehicle monitoring system enabling live notifications for vehicle conditions and alerts.
- Optimised MongoDB queries, improving system response time by 40% through efficient indexing, aggregation pipelines, and query optimisations.
- Worked together with a cross-functional team of 60+ members, including developers, QA engineers, DevOps, and product managers, ensuring seamless Agile sprint deliveries.

EDUCATION

PBR VITs JNTUA UNiversity

Bachelor of Technology

Percentage: 65%

Narayana junior college

Board of Intermediate Education

Percentage: 87%

Sree tejeswi High School

Board of Secondary Education

Percentage: 87%