Venkatesh Karthan

Portfolio | LinkedIn | GitHub

Location: Hyderabad, Telangana | Seeking Remote Roles
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OBJECTIVE

Backend-Focused Full-Stack Developer specializing in Node.js, Express, MySQL, and JWT-based authentication, with hands-on experience building role-based, production-style web platforms including HRMS and order management systems.

TECHNICAL SKILLS

Backend	:	Node.js, Express.js, REST APIs, JWT, Authentication, RBAC
Databases	:	MySQL,SQLite
Languages	:	JavaScript, Python, SQL
Dev Tools	:	Git, GitHub, Postman, VS Code
Architecture	:	MVC, Modular Design, Middleware, Error Handling

EDUCATION

Bachelor of Commerce (Computer Applications)   Hyderabad, Telangana
Government City College Nayapul   *2021 – 2024 | 8.97 CGPA*

EXPERIENCE

Backend-Focused Full-Stack Developer (Training & Projects)   Dec 2024 – Present
CCBP Intensive   *Hyderabad, Telangana, India*

- Built full stack web applications using **React, Node.js, Express.js, and databases**.
- Designed and integrated RESTful APIs with secure backend services.
- Worked independently on projects, owning implementation, debugging, and optimization.
- Acted as a peer mentor, guiding debugging and project implementation during learning sessions.

KEY ENGINEERING PROJECTS

Role-Based HR Management Dashboard | Link   *Node.js, Express, MySQL*   Source Code

- *   Designed backend services to manage users, teams, roles, and approvals using APIs and patterns.
- *   Built secure REST endpoints with JWT authentication and authorization for Admin, HR, and Manager access.
- *   Modeled relational schemas with normalized tables and foreign keys to ensure reliable data integrity.
- *   Introduced backend-driven pagination, filtering, and sorting to support scalable data retrieval for datasets.
- *   Standardized validation, error handling, and API responses to ensure predictable behavior and frontend integration.

Order Management Platform | Link   *Node.js, Express, SQLite, Sqlite3*   Source Code

- *   Architected backend services for products, users, carts, and orders using Node.js and Express with routing.
- *   Implemented secure REST APIs with validation, error handling, and consistent JSON responses for clients.
- *   Integrated JWT authentication and role-based authorization to protect endpoints and restrict user permissions.
- *   Optimized database queries and API execution paths to reduce response latency and improve throughput.
- *   Applied centralized logging, validation, and error tracking middleware to improve reliability and maintainability.

CERTIFICATIONS

- Certified MERN Stack Developer – CCBP NxtWave
- React – The Complete Guide (Hooks, Router, Redux)
- The Complete Node.js Developer Course