

# LINGAM GANESH

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| my-portfolio-jet-zeta.vercel.app

## PROFESSIONAL SUMMARY

Entry-level **Full Stack Developer (MERN Stack)** with hands-on experience in **React.js**, **Node.js**, **Express.js**, and **MongoDB**. Skilled in **RESTful APIs**, **JWT Authentication**, **MVC Architecture**, **responsive design**, and **unit/integration testing**. Strong in **SDLC**, **clean code**, **debugging**, and **agile development**, delivering production-quality, scalable web applications for product-focused teams.

## TECHNICAL SKILLS

Languages	JavaScript (ES6+), Python
Frontend	React.js, React Hooks, Context API, Responsive Web Design, HTML5, CSS3, Tailwind CSS, Bootstrap
Backend	Node.js, Express.js, RESTful API Development (GET, POST, PUT, DELETE), Middleware, MVC Architecture
Database	MongoDB, Mongoose, CRUD Operations, SQL
Concepts	Authentication & Authorization, JWT, API Integration, SDLC, Clean Code, Debugging, Agile Development, Protected Routes, Error Handling
Tools	Git Version Control, GitHub, Deployment (Render / Vercel), Postman, VS Code

## PROJECTS

**PrimeCommerce — Full Stack MERN E-Commerce Application** *React.js | Node.js | Express.js | MongoDB | JWT*  
*GitHub:* <https://github.com/LingamGanesh/PrimeCommerce-fullstack>

- Designed and deployed a **scalable full stack MERN** platform by building modular **RESTful APIs** (GET, POST, PUT, DELETE) with **Node.js** and **Express.js**, structured on **MVC Architecture** for clean separation of routing, business logic, and data layers across the **SDLC**.
- Implemented end-to-end **Authentication & Authorization** using **JWT** – including token generation, validation middleware, protected routes, and login / logout / password-recovery flows – securing all **API** endpoints against unauthorized access.
- Delivered complete **CRUD Operations** in **MongoDB** via **Mongoose** with server-side validation and error-handling middleware; integrated the **React.js** frontend through full **API Integration** with **responsive web design** for seamless multi-device use.

**Nxt Trendz — Responsive E-Commerce Frontend** *React.js | Context API | JavaScript (ES6+) | RESTful APIs*  
*GitHub:* <https://github.com/LingamGanesh/Nxt-Trendz>

- Developed a **responsive web design** storefront with **React.js** and **JavaScript (ES6+)**, enforcing **clean code** architecture through reusable components, protected routing, and consistent cross-device **UI/UX**.
- Applied **Context API** for global cart and **Authentication** state; consumed **RESTful APIs** (GET, POST) for dynamic product listing and cart **CRUD Operations** with complete loading, success, and failure state handling.

**Nxt Watch — Video Streaming Platform** *React.js | JWT | RESTful APIs | React Hooks*  
*GitHub:* <https://github.com/LingamGanesh/nxtWatch>

- Engineered a **scalable** streaming platform with **JWT-based Authentication & Authorization**, protected routing, and **RESTful API** integration (GET) for secure, role-based content access.
- Composed reusable, Hooks-driven components to optimise rendering, enforce **clean code** standards, and support iterative **agile development** cycles.

**Jobby App — Job Search Platform** *React.js | RESTful APIs | JavaScript (ES6+)*  
*GitHub:* <https://github.com/LingamGanesh/jobApp>

- Built a job portal with role-based filtering and real-time search via **RESTful API integration** (GET, dynamic query parameters); applied **Data Structures & Algorithms** logic and systematic **debugging** across all loading, failure, and retry states.

## EDUCATION

<b>Bachelor of Technology – Computer Science &amp; Engineering</b> Visakha Institute of Engineering and Technology	<b>2020 – 2024</b> CGPA: 7.2 / 10
<b>Intermediate – MPC</b> , Krishnasai Junior College	<b>2018 – 2020</b> CGPA: 6.67 / 10
<b>SSC</b> , Z.P.H.S Dolagovindhapuram	<b>2017 – 2018</b> CGPA: 8.8 / 10

## CERTIFICATIONS & ACHIEVEMENTS

- MERN Stack** Development Certification – NxtWave | Front End Development – Edunet (AICTE Initiative) | Job-Ready Employability Skills – Wadhvani Foundation & APSSDC (2024)
- Solved **200+** coding challenges applying **Data Structures & Algorithms**; delivered **4 full stack MERN** apps end-to-end across the full **SDLC – RESTful API Development, JWT Authentication, CRUD Operations**, and cloud **deployment**.