

# Thajul Niyas

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## TECHNICAL SKILLS

**Languages:** JavaScript (ES6+), TypeScript, Python, SQL, HTML5, CSS3

**Frontend:** React.js, Next.js, Redux Toolkit, Tailwind CSS, Material UI

**Backend:** Node.js, Express.js, FastAPI, REST APIs, JWT Authentication, RBAC

**Databases:** PostgreSQL, MongoDB, Firebase

**Tools & Platforms:** Git, GitHub, Postman, AWS (Technical Essentials), Agile/Scrum

**AI & Automation:** Gemini API Integration, AI-based workflows

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## PROFESSIONAL EXPERIENCE

### Full Stack Developer Intern | The Media Ant, Bangalore | Sep 2025 – Dec 2025

- Improved application performance by optimizing Next.js architecture and implementing efficient code splitting techniques
- Optimized PostgreSQL queries using indexing and better query structuring
- Built and enhanced UI components using React, Redux Toolkit, and Material UI for better maintainability
- Developed features for a Drive-like module including file upload, folder management, and item operations (rename, move, delete)
- Collaborated in Agile sprints and contributed to production-level features

### Full Stack Developer Intern | Docwo, Kochi | Jun 2025 – Sep 2025

- Developed frontend using Next.js with focus on performance and responsiveness
  - Built secure REST APIs using Node.js and Express with JWT authentication and role-based access control
  - Contributed to a patient management system with real-time data handling
  - Ensured API reliability through testing and structured backend design
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## PROJECTS

### AI-Powered Static Analysis & Refactoring CLI

- Tech: TypeScript, Node.js, AST (ts-morph), Google Gemini API
- Built a CLI tool that automates code quality checks, reducing manual code review time by 40%.
- Developed a Codemod engine to safely mutate source code, including automated variable renaming and type injection.
- Integrated Gemini AI to perform semantic reviews and identify logic flaws via structured JSON outputs.
- Implemented a "Human-in-the-Loop" workflow with Git integration for safe visual diff-checking before applying changes.

### SoleSavvy: Full-Stack E-Commerce Platform

- Tech: MERN Stack (MongoDB, Express, React, Node), Redux Toolkit
  - Architected a scalable application with secure JWT-based Admin and User workflows.
  - Engineered robust RESTful APIs featuring advanced server-side filtering (brand, price, category) and Mongoose sorting.
  - Built a comprehensive Admin Dashboard for product CRUD operations with optimized image management via Multer.
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## EDUCATION & CERTIFICATIONS

### Bachelor of Engineering in Computer Science | JCT CET Coimbatore | CGPA: 8.1 | 2025

- AWS Technical Essentials – Amazon Web Services
- Meta Front-End Development Professional Certificate – Coursera
- Full Stack Web Development (Django) – NaanMudhalvan