# Suman Methuku

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## Professional Summary

　　Hardworking and adaptable developer with a solid foundation in web technologies and programming. Quick to learn new tools, comfortable taking on challenges, and able to work well in fast-paced environments. Focused on improving every day and delivering clean, reliable work while growing as a developer.

## Education

**Bachelor of Technology – Electronics and Communication Engineering**
*MLR Institute of Technology, 2021 – 2024 | CGPA: 8.09*

**Diploma – Electronics and Communication Engineering**
*VMR Polytechnic College, 2018 – 2021 | CGPA: 9.47*

## Experience

**Junior Developer**                                        *Mar 2024 – Present*
*NextPage Technologies Pvt. Ltd.*                                        *Hyderabad*

- Developed and maintained scalable web applications using **Next.js, React, Express.js, and SQL**, ensuring robust front-end and back-end integration.
- Collaborated with cross-functional teams to optimize performance, enhance security, and deploy scalable features.
- Implemented REST APIs and improved loading times through optimized queries and code refactoring.
- Integrated **Socket.io** for real-time updates in analytics and monitoring modules.
- Leveraged **Cursor IDE** and AI-assisted tools to accelerate debugging, documentation, and refactoring.
- Worked in an Agile startup environment, delivering features under tight timelines and ensuring code quality with peer reviews.

## Projects

**Workstat – Productivity and Behavior Tracking Platform**

- Designed a full-stack monitoring system to analyze employee activity, productivity, and real-time engagement.
- Used **Next.js (App Router)** for front-end, **PostgreSQL + Drizzle ORM** for backend data modeling, and **Socket.io** for live status updates.
- Integrated modules like **Timesheets**, **Employee Analytics**, **Shift Scheduling**, and **Performance Reports**.
- Optimized large PostgreSQL queries using indexes, lateral joins, and timezone-aware logic.
- Implemented clean code structure with modular APIs, error handling, and reusable components.
- Deployed and maintained builds in production with version control and CI/CD pipelines.

### LivinAds – Digital Marketing Agency Website

- Created intuitive layouts, smooth navigation, and user-focused design for higher engagement.
- Designed and developed the official website for LivinAds with a clean, modern, and fully responsive UI.
- Implemented **SEO-friendly structure**, optimized meta tags, and improved page loading performance for better search visibility.
- Ensured cross-browser compatibility, mobile responsiveness, and accessibility best practices.
- Delivered a polished, production-ready website aligned with the brand's visual identity and marketing goals.

### SunriseMorning – Classified Ads Platform

- Developed a full-stack classified ads marketplace using Next.js, TypeScript, PostgreSQL, Drizzle ORM, and Bootstrap, supporting user login, registration, OTP verification, and secure password management.
- Built advanced ad posting & management modules including normal listings, Sunday Magazine ads, category/subcategory filters, keyword + location search, ad expiry automation, and seller contact flow.
- Implemented a complete subscription system with plan purchase, payment gateway integration, posting limits, free/paid ad logic, and selected gifts tracking.
- Created a robust Admin Panel with full CRUD operations for Users, Employees, Categories, Ads, Subscriptions, Promo Offers, and What's New commercial ads.
- Designed optimized, relational PostgreSQL schemas and used Drizzle ORM for safe migrations, clean data models, and scalable queries.
- Improved platform visibility with SEO-optimized pages, metadata structuring, responsive UI, and performance-focused Next.js architecture.

### Manasvi Foundation – NGO Website Platform

- Designed and developed a dedicated platform to showcase the NGO's mission, initiatives, and social impact.
- Built an informative and visually appealing About Us section, project highlights, and success stories to improve engagement.
- Delivered a clean, accessible, and user-focused website aligned with the foundation's values and goals.

## Technical Skills

**Languages:** Java, JavaScript, Python(Basic), C, SQL, HTML, CSS, TypeScript
**Frameworks:** React, Next.js, Express.js, Node.js
**Database & ORM:** PostgreSQL, MySQL, Drizzle ORM
**Tools:** GitHub, VS Code, Cursor, Postman
**Concepts:** REST APIs, OOP, Data Structures & Algorithms, Front-End Optimization, Realtime Systems

## Achievements & Certifications

- Active on competitive platforms:
  **Leetcode** | **HackerRank** | **CodeChef**
- Regularly solving algorithmic challenges to strengthen DSA and analytical skills.
- Certifications
  **Java Programming** – Great Learning
  **Problem Solving** – HackerRank
  **MySQL** – Great Learning