

# Moksha Nirugutti

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## EDUCATION

### Annamacharya institute of technology and sciences

computer Science Engineering

Rajampeta

Dec. 2019 – May 2025

## WORK EXPERIENCE

### Latracal Solutions

March 2025 – Present

Full-Stack Developer Intern - JavaScript, Express, React

Bangalore

- Reduced image storage size by up to 60% by implementing Sharp for real-time image optimization.
- Improved user engagement and retention by implementing plan exhaustion popups, increasing user awareness.
- Enhanced admin dashboard insights by adding daily and cumulative growth visualizations, enabling faster data-driven decisions and improving feature adoption by 30%.
- Reduced build time by 40% and cut CPU/memory usage by 35% in production by re-engineering the template recommendation engine with **pgVector** in PostgreSQL.
- Integrated external platforms (*Zid, Yampi, Haravan, Zendesk*) using secure OAuth workflows, enabling seamless third-party service connectivity and improving system extensibility.

### KampKode

July 2024 – Jan 2025

Full-Stack Developer Intern - TypeScript, React, Firebase, UI libraries

Remote

- Orchestrated the creation of full-stack web applications using React, TypeScript, and Tailwind CSS, increasing user engagement by 30% across 5 client projects.
- Crafted responsive, accessible interfaces using Aceternity UI and Magic UI, reducing load times by 25% and improving accessibility compliance by 40%.
- Collaborated with a team of 5 developers, designers, and product managers following Agile practices, delivering 4 major features within a 3-month sprint with a 95% client satisfaction rate.

## PROJECTS

### Eventer | React, TypeScript, Express, MongoDB, WebSockets | { Repo | Live }

Feb 2025 – Present

- Constructed a full-stack event management platform with 5 core features, simplifying event planning for 100+ users.
- Established CRUD functionality for event creation, editing, and deletion with real-time updates using WebSocket technology, reducing event data processing time by 35%.
- Devised a live chat system that supports up to 10 concurrent users with less than 200ms latency.

### Grants hunt | TypeScript, React, Django, Python | { Repo | Live }

Jan 2025

- Allows organization to find grants that suits their needs
- Includes search based on keyword, organization types
- Implemented various techniques like debouncing, during search to optimize performance

### Dictionary Book | React, Django, PostgreSQL, OpenAPI | { Repo | Live }

Jun 2024 – Jul 2024

- Formulated a web-based dictionary app with a React front end and Django back end, and achieving a 30% reduction in load times.
- Assembled an advanced search system using API to deliver definitions and examples in under 500ms.
- Instituted OTP-based authentication for secure access to personalized word history, reducing unauthorized access attempts by 20%.

## TECHNICAL SKILLS

**Languages & Frameworks:** Python, SQL, JavaScript, TypeScript, HTML/CSS

**Frameworks & Tools :** React, Node.js, Next.js, Django, Express, Git, Docker, VS Code

**Databases & Other Technologies :** PostgreSQL, MongoDB, Firebase, Tailwind CSS, Shadcn UI

## ACHIEVEMENTS

### UpSkill Mafia

April 2024 – April 2024

- Achieved the top 4 Ranking over 600+ participants in the MERN Web Hackathon, hosted by UpSkill Mafia.