

KEERTHANA SALLA

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PROFESSIONAL SUMMARY

Full-Stack and Product-Oriented Software Engineering student with hands-on experience building production-ready web platforms using Next.js, TypeScript, and PostgreSQL. Designed and deployed a privacy-first anonymous submission and moderation system, focusing on backend architecture, secure data handling, and scalable system design.

EDUCATION

Bachelor of Technology	2023 - 2027
<ul style="list-style-type: none">ACE Engineering College, Ghatkesar, Hyderabad	
State Board of Intermediate	2021 - 2023
<ul style="list-style-type: none">Sri Chaitanya Junior College, South Kamala nagar, Hyderabad	
High Schooling	2011 - 2021
<ul style="list-style-type: none">Sacred Heart High School, Tarnaka, Hyderabad	

SKILLS

Programming & Data Structures: Python

Frontend: HTML5, CSS3, JavaScript (ES6+), Next.js (App Router), React, TypeScript, Responsive UI

Backend: Node.js (Next.js API Routes & Server Actions), RESTful API Design, Server-Side Rendering (SSR), Role-Based Access Control (RBAC), Server-Side Validation

Databases: MongoDB, SQL, PostgreSQL, NeonDB (Managed PostgreSQL), Relational Schema Design, Basic Query Optimization

DevOps, Tools & Version Control: Docker (Local Containerization), Git, GitHub, Version Control Workflows.

PROJECTS

1) AFL – Privacy-First Anonymous Submission & Moderation Platform 🔄 📄

- Designed and deployed a full-stack anonymous submission system handling live traffic with secure server-side processing. Built REST APIs with Next.js and PostgreSQL (NeonDB) for structured data management.
- Implemented moderation workflows with role-based protected access. Applied server-side validation to mitigate spam and malicious input.
- Containerized development with Docker and deployed on Vercel with managed AWS-backed database.

Tech Stack: Next.js (App Router), TypeScript, PostgreSQL (NeonDB), Docker, Vercel

Focus: Designed anonymous submission flow with strict data minimization and server-side validation to ensure user privacy and secure handling of sensitive content. Spam and abuse mitigation through validation and access control. Production deployment with stable backend processing. Moderation-driven content governance. Scalable backend design foundation.

2) AFL Dashboard - Secure Admin Control & Moderation System 🔄 📄

- Developed a separate production admin dashboard for platform governance. Implemented role-based authentication and secure route protection. Built moderation pipelines with audit logging and email notifications.
- Designed analytics panel for growth and engagement monitoring. Ensured secure backend-database communication with PostgreSQL.

Tech Stack: Next.js, TypeScript, Node.js API Routes, PostgreSQL (NeonDB), RBAC, Email Integration, Docker, Vercel

Focus: Secure administrative architecture and access enforcement. Content governance with audit tracking. Abuse control and safety-driven backend logic. Operational visibility through analytics. Reliable database integrity and protected routes

EXPERIENCE

VISWAM.AI - AI Developer Intern	May 2024 - June 2024
ApexPlanet Software Pvt Ltd - Web Developer Intern	August 2025 - October 2025
Edunet Foundation - Frontend Developer Intern	August 2025 - October 2025
ServiceNow X SmartBridge - Internship Trainee	October 2025 - Ongoing

CERTIFICATIONS

- UiPath Automation Explorer March 2024
- Career Essentials in Generative AI by Microsoft and LinkedIn October 2024