

Hari Prasad Chinimilli (Software Developer)

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Professional Summary

Computer Science graduate (April 2026) focused on full-stack application development and backend architecture. I write TypeScript, Python, Node.js, and SQL to build REST APIs, manage relational databases, and fix routing logic before it reaches production. I prefer handling the complete development cycle—from structuring the initial schema and designing the React frontend to executing load tests on the final endpoints.

Skills & Technologies

Languages: TypeScript, JavaScript, Python, SQL, Java

Frontend: Next.js 15, React.js, Tailwind CSS, HTML5, CSS3

Backend & APIs: Node.js, Express.js, FastAPI, RESTful APIs, Zod Validation

Databases: MySQL, MongoDB

AI/ML integration: LangChain, Deep Learning (PyTorch, TensorFlow), Computer Vision

Tools & Cloud: Git, GitHub, Docker Basics, Postman, Vercel

Projects

Request Workflow System - Role-Based Next.js Application

[Live Demo](#)

- Built a full-stack request management platform to handle organizational approvals through a strict state machine (Draft → Submitted → Approved/Rejected).
- Used Zod for end-to-end type safety, validating all form inputs and API payloads to prevent invalid data blocks.
- Implemented role-based access control logic (Creator vs. Reviewer) with real-time dashboard state updates.
- Tech Stack: **Next.js 15, TypeScript, Tailwind CSS, Zod, Lucide React.**

Decision-Minutes Copilot - Full Stack Information Extractor

- Engineered a full-stack application that extracts structured, auditable decisions and action items from raw text data.
- Wired a Node.js/Express backend to a Next.js frontend, managing cross-origin requests and data flow.
- Enforced strict JSON output schemas on the backend so extracted text could be piped directly into management tools without parsing errors.
- Tech Stack: **Node.js, Express.js, Next.js, TypeScript, Zod.**

KawaiiArts - E-Commerce Architecture

[Live Demo](#)

- Designed the backend MongoDB schemas and React frontend components for an online storefront.
- Shifted heavy filtering loops from the browser directly to the server side, cutting UI load delays from 4.8 seconds to 1.7 seconds.
- Tech Stack: **React.js, Node.js, REST APIs, MongoDB, JWT.**

Experience

Software Engineer Intern – Prewrite (Samyati Technologies)

Feb 2026 – Present

- Built the frontend components and backend services for two separate B2B enterprise SaaS platforms.
- Translated raw Figma layouts directly into functional, modular React interfaces.
- Wrote Node.js backend logic and REST APIs, engineering database rules to enforce strict tenant isolation and block cross-account data exposure.
- Debugged staging environment routing errors before launch, securing the client-server data flow and preventing deployment failures.

Full Stack Developer Intern – SmartBridge Educational Services

May 2025 – Jul 2025

- Traced an intermittent staging server timeout issue back to unindexed, nested database reads.
- Restructured aggregation paths and added targeted SQL indexes to drop API response delays by 40%.
- Assembled 12 core backend endpoints in Express.js, keeping database access logic strictly isolated from the frontend presentation layers.

Artificial Intelligence Intern – TechSaksham (Microsoft & SAP Partnership)

Dec 2024 – Jan 2025

- Replaced a manual, five-hour weekly CSV export routine by writing automated SQL queries to extract metrics directly

from the test databases.

- Wrote Python scripts to filter tokenization anomalies out of unstructured text matrices, pushing a data pipeline's baseline accuracy from 74% to 88%.

Achievements

- Solved **250+** **algorithm challenges** on LeetCode, focusing on core data structures, boundary logic, and memory efficiency.
- Earned the **Machine Learning Foundations Certificate** from IIIT Hyderabad, tracking in the top 10% of the cohort for algorithmic evaluation.
- Secured **2nd Place overall** out of multi-university entrants in the regional JNTU-GV Python competitive programming contest.

Education

Kakinada Institute of Engineering and Technology

Bachelor of Technology in Computer Science and Data Science — CGPA: 7.63 / 10

Aug 2022 – April 2026

Relevant Coursework: Data Structures & Algorithms, DBMS, Object-Oriented Programming