

Chenna Nagesh

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SUMMARY

Product-focused Software Engineer with hands-on experience in frontend development, AI integration, and shipping real-world applications end-to-end. Passionate about building LLM-powered tools and user-centric products with a strong emphasis on performance and product quality.

SKILLS SUMMARY

- Languages:** Python, JavaScript, C, C++, Java, SQL, Spring Boot
- Frameworks:** React, HTML5, CSS3, Bootstrap, Responsive Design
- AI / ML:** ML, NLP, Deep Learning, Generative AI, Prompt Engineering, LLM Applications, RAG, Vector DBs
- Tools/Platforms:** Git, GitHub, Postman, PyCharm, Google Colab, MySQL, Railway, Chrome Extensions (MV3)

PROJECTS

Focus Breaker — Chrome Extension

2026

- Engineered and shipped a Chrome Extension (MV3) to the Chrome Web Store with declarativeNetRequest site blocking, alarm-scheduled focus sessions, and kinetic breathing-guide animations for a premium UX.
- Deployed the landing page on Railway with a GitHub CI/CD pipeline and Caddy server, achieving zero-downtime releases and sub-second load times.

Auto Email Reply — AI Sentiment Engine

2025

- Built an end-to-end AI pipeline classifying email intent via TF-IDF + LinearSVC and generating professional replies using *TinyLlama* (Hugging Face Transformers).
- Validated across accuracy, precision, recall, and F1-score; architected for plug-and-play LLM swaps as stronger models become available.

Washore — Beach Littering Detection System

2022

- Developed an image recognition pipeline achieving 95% accuracy in detecting beach littering, enabling scalable automated environmental monitoring without human supervision.
- Selected and presented at the 2022 State-Level Poly Tech Fest, recognized for real-world AI applicability by industry evaluators.

EXPERIENCE

Software Developer Intern | Technical Hub

Nov 2023 – Apr 2024

- Built responsive, mobile-first UIs with React and Bootstrap; delivered 3+ frontend modules aligned with real product requirements across full design-to-code cycles.
- Optimized component rendering via state management best practices, translating wireframes into pixel-accurate React components.

CERTIFICATIONS

- Microsoft Azure AZ-900: Azure Fundamentals 2025
- Frontend Developer Certification — Technical Hub 2024

ACHIEVEMENTS

- Selected for 2022 State-Level Poly Tech Fest for the Washore beach littering detection project, recognized for real-world AI applicability.

EDUCATION

- Koneru Lakshmaiah University** India
Bachelor of Technology — Computer Science and Engineering Since Aug 2023
Expected 2027
- Aditya Polytechnic Colleges** Surampalem, Andhra Pradesh
Diploma — Computer Engineering June 2021 – May 2024
CGPA: 9.7