

PRADEEP CHANDRA GAJENDRA

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OBJECTIVE

Full Stack Developer with strong proficiency in full-stack React frameworks like Next.js 15 (a meta-framework), combined with backend experience using Spring Boot. Skilled in building robust, scalable, and interactive web applications across both client and server.

Eager to contribute to impactful projects by applying modern web technologies end-to-end, while continuously exploring advancements in full-stack and AI-powered development.

EDUCATION

Bachelor of Technology , R.V.R & J.C. College of Engineering CSE (AI & ML)	2021 – 2025 GPA: 8.53
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Intermediate , Sri Chaitanya College Board of Intermediate Education, AP	2019 – 2021 Percentage: 97.1%
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SSC , Sri Chaitanya School AP Board of Education	2018 – 2019 GPA: 10.0
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SKILLS

Languages: Java, Python, SQL, C (Basics)

Web Development: React.js, Next.js 15, Spring Boot, HTML, CSS, JavaScript

Databases: PostgreSQL (NeonDB), pgvector

AI Tools: Gemini API, Groq, LLaMA 3.2, embed-large-v2

Others: Data Structures & Algorithms, Git, REST APIs, Inngest

INTERNSHIP

Intern – GenAI for Transformation <i>Tata Consultancy Services (TCS)</i>	8 Weeks
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- Trained in SAP functional modules like MM, SD, and FICO.
- Applied Generative AI concepts to enterprise use cases.
- Explored prompt engineering and AI integration in SAP workflows.

Full Stack Java Developer Intern <i>SkillDzire</i>	8 Weeks
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- Developed an end-to-end chat app called **InstaChat**.
- Implemented real-time messaging with WebSocket and authentication.
- Built frontend using React and backend using Spring Boot.

AI Engineer Intern <i>Pantech Solutions</i>	4 Weeks
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- Built a **Facial-Recognition Attendance System**.
- Used OpenCV and TensorFlow to detect and verify faces.
- Achieved 97% accuracy under ideal conditions.

PROJECTS

Schoolama AI LMS

Next.js 15, React, NeonDB, Inngest, Gemini API, Groq

A modern Learning Management System that leverages Generative AI to enhance education.

- Auto-generation of notes, quizzes, and flashcards from topic input and difficulty level.
- Gemini-powered document processing and Groq chatbot for contextual Q&A.
- Inngest used for background task orchestration and job workflows.

Live Demo!: <https://schoolama-ai.vercel.app/>

React Portfolio Website

React.js (Vite), Sass, Heroku

A personal portfolio website showcasing projects, skills, and achievements.

- Built with React + Vite for fast performance and modular development.
- Styled using Sass with reusable, component-driven architecture.
- Deployed on Heroku with a custom subdomain (`dev.schoolama.studio`).

Live Demo!: <https://dev.schoolama.studio>

Spectron – Chat with Documents

Next.js 15, React, pgvector, embed-large-v2, LLaMA 3.2

AI chat system that answers questions from uploaded files:

- Supports multiple formats including PDF, DOCX, TXT, and PPT.
- Uses ‘embed-large-v2’ embeddings and stores vectors in PostgreSQL via pgvector.
- LLaMA 3.2 via Ollama generates intelligent contextual answers.

[GitHub Repo](#)

Facial Recognition Attendance System

Python, OpenCV, TensorFlow

An AI-based attendance system using facial biometrics.

- Achieved 97% recognition accuracy in controlled conditions.
- Face encoding and matching using feature vectors.

[GitHub Repo](#)

InstaChat – Real-time Messaging App

Spring Boot, React.js, WebSocket, MySQL

A secure and real-time chat application with message persistence and authentication.

- Built a full-stack chat platform with user authentication and group chat.
- Integrated WebSocket for instant message delivery with message history.

[GitHub Repo](#)

ACHIEVEMENTS

- Secured **2nd Place** in Python Coding Competition conducted by CSM, RVRJC.
- Secured **3rd Place** in DSA Coding Competition conducted by CSE, RVRJC.