

# PRADEEP CHANDRA GAJENDRA

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## OBJECTIVE

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Full Stack Developer with strong proficiency in full-stack React frameworks like Next.js 15 (a meta-framework) and React, 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

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

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**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

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<b>Intern – GenAI for Transformation</b> <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.

<b>Full Stack Java Developer Intern</b> <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.

<b>AI Engineer Intern</b> <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

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### 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/>

### 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

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