

Pratik Pattewar

Codeforces | LeetCode | CodeChef

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EDUCATION

KL University

Vijayawada, India

Bachelor of Technology in Computer Science and Engineering

2023 – 2027

– Specialization: AI-Driven Language Technology — CGPA: 9.13

Courses: Operating Systems, Data Structures & Algorithm Analysis, Computer Networking, Database Systems, CI/CD Pipelines, Artificial Intelligence, Deep Learning for Natural Language Processing, Text Analytics

TECHNICAL SKILLS

Languages: C, Python, SQL, JavaScript, Java

Web: HTML, CSS, Tailwind CSS, Bootstrap

Frameworks & Libraries: React, Node.js, Express, Flask, Django, PyTorch, NumPy, Pandas

Databases: PostgreSQL, MySQL, MongoDB

Tools: Git, GitHub, Docker, VS Code, PyCharm, IntelliJ

Soft Skills: Problem-Solving, Teamwork, Communication, Adaptability, Innovation

PROJECTS

Nxt-Meet: Real-Time Video Conferencing Platform ([Live Demo](#))

2025

- Engineered a WebRTC-based real-time video conferencing platform inspired by Google Meet and Zoom using Socket.IO signaling.
- Implemented real-time room management and ICE/offer-answer exchange achieving sub-1s call setup time.
- Integrated JWT authentication and peer-to-peer media streaming, reducing server bandwidth usage by approximately 70–80%.
- Deployed the application on Render supporting multiple concurrent meeting rooms.

JobHunt: Full Stack Job Portal

2025

- Developed a Flask-based job portal with encrypted authentication, role-based admin moderation, and job application workflows.
- Designed scalable MySQL schemas for users, jobs, and applications ensuring data integrity.
- Implemented admin approval and application status tracking workflows for recruiters and job seekers.
- Integrated an AI-powered chatbot and CI/CD pipelines using GitHub Actions; deployed on Render.

Virtual Assistant: AI-Powered Web Application

2025

- Built an AI-powered assistant with voice-based interaction and multi-command processing using Gemini API.
- Implemented speech recognition and text-to-speech using Web Speech API for hands-free interaction.
- Enabled user customization and command-based workflows with secure session handling.
- Optimized backend performance improving response efficiency by approximately 40%; deployed on Render.

CERTIFICATIONS

Oracle Cloud Infrastructure 2025 Certified Generative AI Professional

Oct 2025

Oracle University

Salesforce Certified AI Associate

Nov 2024

Salesforce (Trailhead)

LEADERSHIP, HONORS & ACHIEVEMENTS

WebApps Club — Full Stack Lead, KL University

2024 – 2025

- Led development sessions and mentored students in full-stack web development.
- Participated in 25+ competitive programming contests on CodeChef and LeetCode.
- District-Level Gold Medalist in Roll Ball (2018).
- Top 5 finish in a city-level Chess competition (2019).