

PRANEETH KILAPARTHI

praneethkilaparthi@gmail.com | +91 9848783399 | LinkedIn | GitHub | Portfolio

Professional Summary

B.Tech CSE student at Aditya Engineering College (CGPA: 8.63/10, graduating May 2027), grounded in **data structures, algorithms, and CS fundamentals** with **100+ DSA problems** solved. **Full-stack developer** across **frontend, backend, and DevOps**, shipping **distributed systems** and **agentic AI** with **React, Node.js, Docker, and Kubernetes**.

Education

Aditya Engineering College, CSE	Jul 2023 – May 2027 (Expected)
• Bachelor of Technology in Computer Science and Engineering	CGPA: 8.63/10
Sri Venkateswara Junior College, MPC	Jun 2021 – Apr 2023
• Intermediate in Mathematics, Physics, and Chemistry	Percentage: 93.8%

Experience

AI Software Developer Intern, Technical Hub Private Limited	Internship Letter May – June 2026
• Built Inquiro , a multimodal AI search agent on LangChain routing across 2 LLaMA models on the Groq LPU for sub-second responses.	
• Streamed token-by-token output over Socket.io and integrated the Tavily API for source-cited answers from 5+ live sources .	
Open Source Contributor, Multiple Repositories	View PRs Jun 2026 – Present
• Resolved critical Docker orchestration failures to unblock automated CI/CD pipelines for community-driven projects.	
• Engineered bug fixes and optimized REST APIs across MERN stack codebases, ensuring high-availability backend services.	
• Executed collaborative Git workflows to diagnose issues and deliver production-ready code via successfully merged PRs.	

Honors & Awards

4th Place & AI Excellence Award, Technical Hub Project Space	View Proof Jun 2026
• Placed 4th of 160 teams (960+ participants) by pitching a deployable product in a 6-member team.	
• Won the AI Excellence Award for NEXUS , a Generative AI document-intelligence platform.	

Projects

Capstone: Multi-Agent AI Sandbox Orchestration Engine	GitHub June 2026
• Engineered a distributed microservice engine on a Node.js/Express backend to orchestrate specialized AI coding agents.	
• Provisioned a dedicated Kubernetes Pod + Service per session via the Node.js K8s API client , isolating concurrent workloads.	
• Containerized with Docker and deployed on Kubernetes with Ingress, RBAC, and Skaffold CI/CD .	
Inquiro: Real-Time Multimodal AI Search Agent	GitHub Live May 2026
• Routed queries across LLaMA 3.3 + 3.2 Vision on the Groq LPU via LangChain , streaming sub-second responses over Socket.io .	
• Integrated the Tavily API for live, source-cited markdown answers; deployed on Vercel .	
DevTinder: Full-Stack Developer Networking Platform	GitHub Jan 2026
• Developed a full-stack platform with real-time chat (Socket.io, MongoDB) , exposing 12+ secure REST APIs and cutting invalid requests by 40% .	
• Protected endpoints with JWT sessions and deployed the backend on AWS EC2 with Nginx at 99% uptime .	
• Stack: React, Redux Toolkit, MongoDB, AWS (EC2, S3), Socket.io, Tailwind CSS.	

Technical Skills

- **Languages:** Java, JavaScript, SQL, Bash, HTML5, CSS3
- **Core CS:** Data Structures & Algorithms, DBMS, Operating Systems, OOP, SDLC (Agile, Scrum)
- **AI / ML:** LangChain, LLM APIs, RAG, Distributed AI Agents, Prompt Engineering
- **Frontend & Backend:** React, Redux Toolkit, Node.js, Express, REST APIs, Microservices, Tailwind CSS, MongoDB
- **DevOps & Cloud:** Docker, Kubernetes (K8s), AWS (EC2, S3), Nginx, Git, Skaffold, RBAC

Coding Profiles

• LeetCode: 100+ solved	Profile
• CodeChef: 200+ solved, rating 1200+	Profile
• GeeksforGeeks: 60+ solved	Profile
• HackerRank: 3-star Problem Solving, Java, SQL, C	Profile

Certifications

- **Oracle Java** – Oracle Academy (View) (2025) | **MongoDB Associate Developer** – MongoDB (View) (2026)
- **GitHub Foundations** – GitHub (View) (2026) | **Python, C, OS, HTML, CSS** – Cisco Networking Academy (2024)