Krishna Praveen Korimilli

Software Developer

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Education

Indian Institute of Information Technology Senapati, Manipur   Nov. 2022 – May 2026
Bachelor of Technology in Electronics and Communication Engineering   *Imphal, Manipur*
Relevant Coursework: *Data Structures & Algorithms, Operating Systems, DBMS, OOP, COA*

Professional Experience

AI Trainer - Coder   **Outlier AI (Remote) — Nov 2024 – Dec 2024**

- Evaluated over **200 AI-generated coding solutions**, resulting in a **10% improvement** in overall solution accuracy.
- Identified and rectified algorithmic errors, reducing runtime failures by **5%** and enhancing system efficiency.
- Collaborated with development teams to optimize AI models, cutting inference times by **15%**.

Expert [Computer Science]   **Chegg (Remote) — Nov 2023 – Dec 2024**

- Resolved over **100+ coding and computer science problems** in areas including DSA, OOP, OS, DBMS, and COA.
- Maintained a **4.5+/5 rating** from users through detailed, step-by-step explanations that enhanced learner comprehension.
- Boosted repeat engagement by **20%** through consistent delivery of high-quality solutions.

Projects

AI Mentor - FAANG Interview Prep | *Next.js, React, Tailwind CSS, TypeScript, OpenAI API* ⌂
- Engineered an AI-driven platform that generates coding solutions in under **10 seconds** for FAANG technical interviews.
- Instituted a structured, **8-step** interview-style breakdown covering: Problem Statement, Constraints Analysis, Intuition, Brute-Force Approach, Better Approach, Optimal Approach, Time & Space Complexity, and Edge Cases.
- Facilitates coding in **9+ languages** (e.g., C++, Java, Python) with seamless export functionality.
- Crafted a responsive dark UI with glassmorphism, ensuring consistent performance across **10+ devices**.
- Envisioned future enhancements including AI-driven personalization with **5+ new features** and advanced analytics integration.

Cricket Scoreboard – Real-Time Cricket App | *Next.js, Tailwind CSS, Recharts, Express.js, MongoDB, WebSockets* ⌂
- Created a dark-themed cricket application delivering real-time match scores and detailed statistics with updates every **1 second** via WebSockets.
- Integrated an AI Match Predictor and automated live squad updates, achieving **99.9%** data reliability.
- Garnered over **100+ visits**, demonstrating robust user engagement and scalable architecture capable of handling **10,000+ concurrent connections**.

Crux AI – PDF Summarization Assistant | *Next.js, OpenAI API, Tailwind CSS, Razorpay, Firebase, MetaMask* ⌂
- Constructed an AI-powered tool that extracts key insights from PDFs with an accuracy exceeding **95%**.
- Integrated dual payment systems (Razorpay and MetaMask) to secure **100%** transactions and maintain data integrity via Firebase.
- Refined the UI/UX for seamless API interactions, processing over **100+ documents** and supporting file uploads up to **10MB**.
- Engineered scalability to manage **1,000+ PDFs** daily, incorporating advanced analytics for deeper insights.

iPhone 16 Pro Concept Website | *Next.js, Tailwind CSS* ⌂
- Created a fan-made concept website showcasing the anticipated iPhone 16 Pro design and innovative features.
- Implemented smooth animations and transitions with response times under **0.5 seconds**, ensuring a high-fidelity experience across **99%** of devices.
- Optimized layout and design, achieving a responsive performance score of **95+** on testing platforms.
- Project Links: Live Demo: iPhone 16 Pro Concept — GitHub: github.com/krishprav/Apple.

Technical Skills

- **Programming Languages:** C++, JavaScript, TypeScript, Python, C
- **Frameworks & Libraries:** React.js, Node.js, Next.js, Express.js, MongoDB, SQL, Tailwind CSS, ShadCN, Framer Motion
- **Databases & Development Tools:** MySQL, SQLite, MongoDB, Git, GitHub, Postman, Apache, Vercel, VS Code, Cursor
- **DevOps & Cloud:** Docker, Kubernetes, AWS, CI/CD Pipelines
- **Soft Skills:** Leadership, Event Management, Technical Writing, Public Speaking, Time Management