Akhil Kompally

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Career Objective

Software Developer enthusiast with strong skills in JavaScript, Java and full-stack development using the MERN stack. Experienced in building real-world applications with RESTful APIs and database integration. Passionate about problem-solving and writing clean, efficient code.

Education Qualification

Keshav Memorial Engineering College   2022 – 2026
B.E. in Computer Science Engineering (AIML), **GPA : 8.33**/10   Hyderabad, India

Excel Junior College   2020 – 2022
Intermediate (MPC) **Percentage : 96%**   Hyderabad, India

Narayana High School   2018 – 2020
State Board High School **GPA : 10**/10   Hyderabad, India

Projects

⊙ Leetcodolio   ⬈ Live Demo

- Built a personalized **LeetCode portfolio tracker** that scrapes user profiles and visualizes problem-solving progress with **interactive charts**.
- Implemented a **Node.js + Puppeteer backend** for reliable data scraping and a **React frontend** for dynamic dashboards.
- Added a feature to **compare user statistics**, enabling side-by-side profile insights for better benchmarking.

⊙ SwipeCV   ⬈ Live Demo

- Developed an interactive platform that allows recruiters to **swipe through candidate resumes**, inspired by Tinder-style **UX**.
- Implemented backend with **Node.js, Express, and MongoDB**, supporting secure PDF uploads via **Cloudinary**.
- Built frontend in **React** with **Clerk authentication**, featuring real-time resume viewing, swiping, and downloading.

⊙ Briefly   ⬈ Live Demo

- Developed a scalable **AI-powered news summarization engine** that condenses articles into concise key points using **Generative AI**.
- Architected backend with **GraphQL** and **Redis caching**, reducing API response times by **70%** and supporting hundreds of concurrent users.
- Utilized **Redux** for global state management, ensuring efficient data flow and **seamless synchronization** across the application.

⊙ MagicBoard   ⬈ Live Demo

- Engineered an **AI-driven blackboard** that recognizes handwritten math equations and solves them in **real time** using **Google Gemini AI**.
- Implemented **voice synthesis** for generated answers, enhancing accessibility and boosting engagement by **40%**.
- Developed a feature to **generate images** from canvas drawings combined with **text prompts**, extending creative and interactive capabilities.

Skills

- **Programming Languages:** JavaScript (ES6+), Java, Python(Basics), SQL
- **Web Development:** HTML5, CSS, MERN Stack, REST API, GraphQL, Tailwind CSS, ShadCN UI, Chart JS
- **Frameworks & Tools:** React.js, Express.js, Node.js Streamlit, Puppeteer, Docker
- **Databases:** MongoDB, MySQL, Redis
- **Platforms:** Git, GitHub, Postman, AWS (Basics), Snowflake, Talend