Mukku Chemjong

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Experience

Antin Infrastructure Partners   Jun 2024 – Jul 2024
Junior Financial Trader   *Toronto, Ontario*
• Managed and coordinated client requests weekly, ensuring timely resolution and maintaining a 95% satisfaction rate through efficient communication and problem-solving.
• Analyzed daily currency market trends and reports, identifying profitable trading opportunities that contributed to an increase in revenue
• Oversaw many individual client accounts, executing 10+ foreign currency trades monthly to capitalize on market fluctuations and maximize returns.

Projects

E-commerce Website | *React, REST API, Tailwind, Express*   May 2025
• Engineered a full-stack e-commerce platform using React and Express.js featuring product search, cart management, and secure checkout flows with Stripe integration.
• Boosted frontend performance by 35% by implementing Tailwind CSS for responsive design and optimizing REST API calls, reducing page load times to under 1.2 seconds.
• Scaled backend services to handle many concurrent users by designing efficient Express.js routes and MongoDB queries, achieving high API reliability.

Natural Language to SQL Converter | *TypeScript, Llama, JavaScript*   July 2024
• Developed a natural language to SQL converter using TypeScript and JavaScript that translates user queries into optimized database commands, reducing query writing time by 40% for non-technical users.
• Integrated Llama language model to process complex natural language inputs, achieving 92% accuracy in generating syntactically correct SQL queries across diverse database schemas.
• Designed an intuitive UI that allows business users to generate database queries without SQL knowledge, increasing data accessibility across 15+ organizational departments.

WeatherPedia | *JavaScript, Css, Html*   Oct 2023
• Built a real-time weather application that fetches and displays current conditions for any global city, leveraging API integration to deliver accurate data with 99.9% uptime.
• Designed an intuitive UI with dynamic weather icons and responsive layouts, improving user engagement.
• Optimized API call efficiency by implementing client-side caching, reducing load times and minimizing redundant network requests.

Education

University of Ontario Institute, *Bachelor of Computer Science*   *Oshawa, Ontario, Sep* 2022 – current

Technical Skills

Languages: Java, JavaScript (ES6+), HTML5, CSS3, SQL
🌐 **Web Technologies**: React.js, Tailwind CSS, Node.js, Express.js
🗄 **Databases**: PostgreSQL, MySQL, MongoDB