Indraneel Brahma

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EDUCATION

Sister Nivedita University (SNU) – Kolkata, India   Graduation: **June 2023**
Bachelor of Science in Computer Science and Engineering

Relevant Coursework: Algorithms, Machine Learning,
Software Engineering, Computer Systems, Databases

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, Typescript, C++, SQL
Frameworks: React, Nodejs, Angular, Spring Boot, FastApi
Tools: Git, Docker, AWS, Linux, PostgreSQL

EXPERIENCE

Application Developer
Mjunction Services Limited, Kolkata   **July 2023 – Present**
Technologies Used: Angular, Java Spring Boot, ReactJS, Maven, JSP Servlet
Responsibilities: Worked on designing and deploying scalable and fault-tolerant web applications. Developed RESTful APIs for optimized communication. Ensured real-time updates and notifications using WebSocket.
Performance Optimization: Made the bidding process **200%** faster by optimizing Angular's change detection mechanism.
Scalability: Conducted over **1500** auctions simultaneously on the platform, ensuring smooth performance.
Real-time Data Handling: Implemented a WebSocket-based communication layer for real-time data streaming, supporting **2,000+** active connections; enhanced data delivery speeds by **60%** and optimized server resource utilization.
Visualization: Created multiple interactive dashboards using Highcharts and ApexCharts for enhanced plat-form clarity.

PROJECTS

AI-Powered Commodity Futures Analysis & Intelligence System(Link) | FastAPI, Ollama, PostgreSQL(pgvector), mxbai-embed-large, DeepSeek-R1
- Vector similarity search for financial data analysis
- Real-time streaming responses with Server-Sent Events
- Automated embedding generation and storage
- Full CRUD operations with AI-powered querying

Vendeu : Real-Time Auction Platform(Backend)(Frontend) | Angular 19, Spring Boot 3, TailwindCSS, NgRX Store
- Description: an auction platform with Live updating DATA, implementing real-time WebSocket communication for live bidding and auction functionalities.
- Architecture: Microservice architecture for scalable, maintainable modules

CERTIFICATION

- **Google Cybersecurity from Google(Link)**