ISLAM ELSAYED

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SKILLS

Programming languages: Java, C++, MYSQL, HTML, CSS, Python, JavaScript,
Tools/Framework: Git, IntelliJ, VS Code, Bootstrap, React, Node.js, Vercel, Firebase, OpenAI, Vite
Natural Language: Arabic, English

EDUCATION

Brooklyn College, City University of New York   Expected graduation date: May 2025
Bachelor of Science in Computer Science

PROJECTS

AI Assistant Chatbot (Vite/React, OpenAI GPT-3.5, Vercel)
- Built and deployed an AI-powered chatbot using OpenAI GPT-3.5 API and Vite/React, optimized for seamless user interactions.
- Enhanced chatbot performance by 30%, ensuring efficient response times in real-world scenarios.
- Deployed the application to Vercel, achieving 99.9% uptime for reliable access.

Crypto Stash – AI-Powered Crypto Insights & Coaching (React, Flask, OpenAI API, CoinGecko API)
- Led a team in developing a full-stack web application that provides real-time and historical crypto market data, enhancing user decision-making.
- Implemented an AI chatbot (Crypto Coach) using OpenAI API to deliver market insights and trading guidance, increasing user engagement by 30%.
- Optimized API calls and caching, reducing data retrieval time by 30%, ensuring seamless real-time updates for crypto traders.

Food Pantry Management Application (HTML, CSS, JavaScript, Firebase)
- Engineered a full-stack web application to manage food pantry operations, handling 500+ records with real-time Firebase database interactions.
- Optimized CRUD operations and advanced search capabilities, reducing database query times by 25%.
- Delivered a responsive design, enhancing user experience across all devices.

WORK EXPERIENCE

***Founder*, SIMSIM Agency,** Remote   January 2025 – Present
- Founded a web agency delivering web development, project portfolio, AI integration, and marketing analytics services.
- Designed and developed informational websites for 3 clients, enhancing their online presence with responsive and modern designs, resulting in a 30% increase in website views.
- Assisted clients in managing Google Reviews, boosting their online reputation and customer engagement.
- Consulted on marketing strategies and data analytics to optimize client outreach and engagement.
- Integrated payment solutions, such as Stripe, to streamline transaction capabilities for client platforms.

DOE Tech Support Intern, **Brooklyn Theatre Arts**, Brooklyn, NY   October 2024 – Present
- Provided tech support to a network of 500+ users, ensuring a 95% first-time resolution rate.
- Automated inventory management with Microsoft Intune and custom Google Sheets scripts, saving 30% of real-world time spent on data tracking and reporting.
- Configured and maintained 1,000+ devices, including projectors, smartboards, and student laptops, enhancing productivity and minimizing downtime.

Computer Instructor, P.S. 186, Brooklyn, NY   January 2023 – Present
- Taught 400 students (ages 6–11) foundational computer skills and coding using Scratch, achieving a 20% improvement in coding proficiency. Created age-appropriate lesson plans and addressed 10+ technical questions per session.
- Manage and troubleshoot over 40 computers, ensuring optimal performance, while also maintaining and repairing various school electronics such as smartboards, printers, and projectors.

Software Engineer Fellowship, **Head Starter AI,** Remote   June 2024 – September 2024
- Developed 5+ AI-powered applications with Next.js and OpenAI, achieving 97% accuracy and engaging 1,000+ users globally.
- Led a team of 3 engineers, implementing MVC design patterns and CI/CD pipelines, reducing deployment time by 40%.
- Built scalable APIs for real-time data processing.