Yousra Hanif

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Professional Summary

Results-driven Software Engineer with 2+ years' experience in full-stack development. Proficient in JavaScript, Java, and Python. Demonstrated success in delivering high-quality software and optimizing performance.

Technical Skills

Languages: JavaScript, Java, Python | **Frontend Frameworks:** ReactJS, CSS, HTML5, Tailwind, Bootstrap | **Backend + Database:** Node.js, Express.js, SQL, Firebase, MongoDB | **Tools:** Git, GitHub, Postman

Work Experience

Web Application Developer & Technology Manager | NYC Department of Education, FIHS | New York, NY | Aug 2024 – Present
- Develop and maintain the school's website, implementing responsive design and backend solutions, automating student and teacher record management to reduce manual data entry errors.
- Oversee the school's technology infrastructure, ensuring optimal network, hardware, and software performance, while providing technical support and troubleshooting for staff and students.
- Led cross-functional teams to integrate new website features and enhance user experience.

Development Intern | Arena Talent | Remote | Sep 2024 – Dec 2024
- Developed and optimized responsive user interfaces to enhance usability and performance.
- Conducted code reviews and integrated feedback to improve code quality and maintainability.
- Performed comprehensive testing and debugging of web applications to ensure cross-browser compatibility and functionality.

Software Engineering Fellow | Headstarter AI | New York, NY | Jul 2024 – Sep 2024
- Built and deployed 5 AI projects in 5 weeks using React JS, Next.js, Firebase, Clerk, and Vercel for iterative deployment
- Worked in a team of 3 to develop an interactive customer support agent using Next.js, integrated a custom RAG pipeline using OpenAI and Pinecone that responds based on a company's knowledge base3.
- Participate in weekly sessions with engineers from Amazon. Stanford, Capital One, and venture-backed startups.

Associate Software Engineer | Infosys Limited | Manhattan, NY | Jun 2022 – Dec 2023
- Transformed monolithic InfyTel project into microservices architecture leveraging Consul, Spring Cloud, Load Balancer, Spring Cloud Gateway, Config, and Resilience4J.
- Developed and optimized learning platform with React.js, CSS, HTML, and Bootstrap, improving user experience and productivity.
- Implemented RESTful APIs for smooth frontend-backend integration and supported backend functionality using Node.js and Express.

Additional Experience

Coding Instructor | The Coder School | Bayside, NY | Dec 2023 – Present
- Instruct and mentor 20 students weekly in Python, Java, JavaScript, and Scratch, focusing on object-oriented programming (OOP) principles, data structures, and algorithms.
- Develop and implement customized lesson plans and exercises centered on real-world projects and LeetCode-style problems to enhance students' problem-solving skills and coding proficiency.
- Facilitate web development with React, HTML, CSS, and JavaScript, guiding students in building interactive, responsive applications.

Academic Projects

AI Customer Support System | New York, NY | Headstarter AI | Jul 2024 – Sep 2024 | Live Link
- Built a dynamic customer support application using Next.js, React, and OpenAI, enabling users to ask questions and receive accurate, real-time responses through a sophisticated AI-driven interface.
- Deployed the application on Vercel, ensuring fast and reliable performance, and integrated advanced features for seamless user interaction and efficient query handling.

Matrimony Website | New York, NY | Web Development Course | Mar 2024 – Jul 2024 | Live Link
- Designed and developed LoveForver, a biodata-sharing platform, using React, Tailwind CSS, Firebase, and MongoDB for user profile creation, browsing, and premium access.
- Implemented admin management features, enabling user profile moderation, role assignments, and premium membership upgrades for efficient platform control.

Education

- **Master of Science in Computer Science** | Georgia Institute of Technology | Expected: May 2026 | CGPA: 4.0/4.0
- **Bachelor of Arts in Computer Science** | Queens College, CUNY | May 2022 | CGPA: 3.7/4.0