Yousef Habeeb

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Education & Certifications

- BS in Computer Science from University of Illinois at Chicago (3.8/ 4.0)   Aug 2021 - Dec 2024
- AWS Cloud Practitioner
- Java Foundations Professional Certificate by JetBrains

Work Experience

Software Developer at CBRE Chicago, IL   Jun 2024 - Present

- Engineered full-stack enterprise solutions for a space management platform serving 5,000-15,000+ users, developing responsive frontend interfaces with JavaScript and XML while architecting scalable backend integrations using Java, Node.js, and SmartClient that improved response times by 25-40%.
- Implemented GitHub Actions CI/CD pipelines that reduced average deployment time from 90 minutes to 8 minutes and eliminated manual release steps
- Optimized data infrastructure by designing complex SQL Server stored procedures processing 500K-2M+ records for migration projects and automating deployment workflows using PowerShell and AWS, reducing deployment time from 45-60 minutes to 5-10 minutes and cutting manual steps by 70-85%.

Software Developer Intern at WYA inc Chicago, IL   Jan 2024 - Jun 2024

- Revamped the core event platform using React and Node.js, integrating MongoDB for real-time guest tracking and automating workflows for 1K+ weekly invitations via SendGrid secured by JWT.
- Built guest registration and RSVP system using React and JavaScript, processing 8K-12K event registrations with real-time capacity management, automated waitlist handling, and confirmation tracking across 300-500+ events.

Teaching Assistant at University of Illinois at Chicago, IL   Aug 2023 - Dec 2024

- Mentored 100+ students in programming fundamentals and data structures using Python, MATLAB, and C for Arduino IDE, conducting coaching sessions to help debug code and optimize algorithms.
- Led hands-on lab sessions for embedded systems projects using Arduino, providing technical support for circuit design and microcontroller programming while developing course materials.

Software Developer at Boosted Biz, IL   Sep 2023 - Dec 2023

- Developed backend services using Python, JavaScript, and SQL, implementing RESTful APIs handling 50K-100K daily requests and optimizations that improved query performance by 40% for 10K+ users.
- Built e-commerce features for merchandise ordering using Angular and Python, implementing automated order processing workflows that reduced fulfillment time by 35% and handled $75K+ monthly revenue.

Technical Skills

- **Languages & Cloud**: Python, Java, C++, SQL, Javascript, C, Go, AWS, Azure, TypeScript
- **Frameworks, Tools & Databases**: React.js, Flask, REST APIs, Node.js, Angular, GitHub, FastAPI, Spring Boot, SQL Server, PostgreSQL, MySQL, MongoDB, Elasticsearch, Docker, Jira, Tomcat