Yousef Habeeb

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EDUCATION

University of Illinois at Chicago (UIC) – College of Engineering   GPA: 3.8/4.0
Bachelor of Science in Computer Science   *December 2024*

CERTIFICATIONS

AWS Certified Cloud Practitioner   August 2025
Java Foundations Professional Certificate by JetBrains   November 2025
JPMorgan Software Engineering Job Simulation   November 2025

EXPERIENCE

Application Developer   June 2024 - Present
Coldwell Banker Richard Ellis (CBRE)   *Remote*
- Engineered full-stack enterprise solutions for a space management platform, developing responsive frontend interfaces with **JavaScript** and **XML** while architecting scalable backend integrations using **Java**, **Node.js**, and **SmartClient**.
- Optimized data infrastructure by designing complex **SQL Server** stored procedures for migration projects and automating deployment workflows using **PowerShell** and **AWS** to enhance system efficiency.

Software Engineer Intern   January 2024 - June 2024
WYA Group, Inc   *Chicago, IL*
- 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**.
- Engineered native iOS modules using **Swift** and **SwiftUI**, building custom UI components for event management and implementing real-time push notifications synchronized with the backend architecture.

Teaching Assistant   August 2023 - December 2024
University of Illinois at Chicago   *Chicago, IL*
- 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 Intern   September 2023 - December 2023
Boosted Biz   *Remote*
- Developed and maintained backend services using **Python**, **JavaScript**, and **SQL**, implementing **RESTful APIs** and database optimization strategies that supported 10K+ daily active users.
- Built custom e-commerce features for merchandise ordering and store management using **Angular** and **Python**, implementing automated order processing workflows that reduced fulfillment time by 35%.

Natural Language Processing Research Intern   January 2023 - August 2023
University of Illinois at Chicago   *Chicago, IL*
- Built data extraction pipelines in **Python** for processing scientific literature, implementing preprocessing algorithms that improved dataset accuracy by 60%.
- Trained **deep learning** models using **PyTorch** and **XLNet**, conducting **machine learning** experiments and hyperparameter tuning that achieved state-of-the-art NLP performance.

PROJECTS

Voice-Activated Web Application | *Node.js, React, Azure Cognitive Services*   July 2024
- Engineered a full-stack gaming platform using **Node.js** to manage real-time global leaderboards and player analytics, serving the frontend application via a custom **Express** server.
- Implemented hands-free accessibility by integrating **Azure Speech SDK** to process voice commands, utilizing **A* algorithms** for autonomous enemy AI and **Webpack** for optimized asset bundling.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, C++, SQL, Go, TypeScript, Swift, Dart, Kotlin, MATLAB, R
Frameworks & Libraries: Spring Boot, React.js, Node.js, Flutter, PyTorch, Angular, Flask, jQuery, Google Test
Developer Tools: Git, Docker, Azure, AWS, Power BI, Jira, VS Code, IntelliJ, Eclipse, Maven, Tomcat, Valgrind, GDB
Databases: SQL Server, MongoDB, H2, PostgreSQL
Database Tools: SQL Server Management Studio (SSMS), DBeaver