Ali Hakimi

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Skills

- **Core Skills:** FullStack development · Database Systems · Software Architecture · Distributed Systems · NLP
- **Languages:** C# · Java (Spring Boot / native) · JavaScript · Typescript · Kotlin · Python · C/C++ · SQL
- **Tools & Technologies:** React · .Net · Flask · Node.js · Angular · Azure Cloud · Docker · linux

Experience

Microsoft: *Software Engineer II* *Jan 2023 – Sept 2024*

- Developed and launched an E2E movie and showtimes recommendation feature for Bing Search, extending it to Edge, Xbox, and Windows widgets using **React** and **.Net**. Scaled the feature to **30 global markets**, generating **more than 110K new daily average users (DAU)**.
- Developed and automated pipelines for the answer features, incorporating AI models to generate movie summaries and content by analyzing IMDB and Rotten Tomatoes reviews, significantly improving the feature's efficiency and accuracy.
- Integrated Bing Entertainment answers into **Copilot** by creating pipelines to generate grounding data from the answers, enhancing Copilot's accuracy by 87% and information depth by 61% in entertainment-related responses
- Developed new mobile and web **user interfaces** for Bing's main entertainment features, such as lyrics, movies & showtimes, and music answers, using **React** and **.Net**, enhancing user engagement and overall functionality.

Verisys Corporation: *Software Engineer* *May 2020 – May 2022*

- Developed and maintained scalable web applications using JavaScript, React, Node.js, and AWS cloud solutions to enhance performance and availability
- Implemented CI/CD pipelines using Jenkins and Docker to streamline the deployment process
- Conducted unit testing and debugging to ensure software quality and reliability.

Microsoft: *Software Engineer Intern* *May 2022 – July 2022*

- Developed a full-stack application using C# in the **React** and **.Net** frameworks to suggest similar movies in Bing Search when user performs a movie query.
- Utilized Bing's User Personalization API to prioritize genres aligned with user preferences, enhancing the relevance of movie suggestions
- Successfully launched the feature, resulting in significant improvements in **Answer Click Rate** and **Answer prominence Satisfaction (APSAT)** metrics

Microsoft: *Software Engineer Intern* *May 2021 – July 2021*

- Developed and implemented meaningful metrics in C# to enhance visibility in the Bing Knowledge Graph pipeline, capturing real-time system performance insights
- Visualized metric data on Jarvis (Internal dashboard visualization tool) and Power BI dashboards, enabling the team to gain immediate insights into system performance, latency, and error counts
- Implemented effective monitoring and alerting system to ensure prompt incident response for the team

Microsoft: *Software Engineer Intern* *May 2020 – July 2020*

- Developed a backend pipeline in C# to rank entities and deliver results to the frontend in under 150 ms.
- Innovated a unique metric to detect user abandonment, leveraging SCOPE to analyze petabytes of user log data
- Successfully managed a complex bug fix in the Bing Knowledge Graph backend, addressing issues that prevented entities from being ranked due to missing data fields.

Education

University of Utah *BS in Computer Science* *Graduated Dec 2022*

- **Coursework:** Computer Architecture, Algorithms, Computer Networks, Database Systems, ML, NLP