Nasser Mughrabi

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Education

University Of Utah | *Bachelor's in Computer Science | GPA 3.72*   *SLC, Utah* | **Aug 2020 - Dec 2023**

AWS Certified Cloud Practitioner   **May 2023 - May 2026**

Skills

Programming Languages: Java, C#, JavaScript, Python

Frontend: HTML, CSS, React.js, Vue.js, Next.js

Backend: Spring, Spring Boot, .NET, Node.js, REST APIs

Database: SQL, MySQL, NoSQL, MongoDB

Other: Data Structures and Algorithms, AWS, CI/CD, Git, GitHub, GitLab

Experience

Amotions Inc. | Software Engineer Internship (Unpaid)   **May 2023 - Present**

A startup company offers real-time guidance to employees and leaders, aiding their professional growth and enhancing their interactions with customers and colleagues.

- Developed an **AI-driven** service utilizing LangChain technology, and integrated the service with existing company systems via a **RESTful API**, achieving seamless integration and enhancing data processing
- Deployed new products and services on **AWS using Elastic Beanstalk**, cutting deployment time and achieving 99.9% system availability, supporting rapid company scaling and high customer demand
- Aligned technical implementation with organizational goals by collaborating with CEO and stakeholders to gather and analyze business requirements achieving a 30% increase in user satisfaction

Personal Projects   **www.nassermughrabi.com**

Naschats AI   Website | Source Code

Naschats is a platform that brings multiple trained AI assistants in one place, each providing customized assistance in their expertise.

- Optimized AI interactions by enabling users to upload course curriculums and other documents for tailored assistance
- Launched a robust Flask server for the AI and integrated it with the system through a RESTFul API
- Applied AWS services, including Elastic Beanstalk and CodePipeline to deploy the Flask server, and establish a highly efficient **CI/CD pipeline**

KSoC TA Applications   Source Code

- Developed a comprehensive online portal for managing TA job applications, enhancing the application and selection process for the Kahlert School of Computing at the University of Utah.
- Implemented a seamless backend with **C#**, **.NET** MVC, and Entity Framework for efficient database management. The frontend was built with **JavaScript, CSS**, and **HTML**.
- Configured and deployed on an **AWS EC2 instance**, ensuring high availability and scalability.