

Nasser Mughrabi

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Education

University Of Utah | *Bachelor of Computer Science*

SLC, Utah | **Aug 2020 - Dec 2023**

AWS Certified Cloud Practitioner

May 2023 - May 2026

Skills

Programming Languages: Python, JavaScript, TypeScript, C#

Software Development: ReactJS, NextJS, Firebase, MySQL, Django, MERN stack, HTML, CSS, Chakra UI, AWS, RESTful API, Git, GitHub, GitLab

Experience

Amotions Inc. | Software Engineer Intern

May 2023 - Aug 2023

- Increased AI usage by 20% and acquired the first real paying non-B2B customers by utilizing LangChain to enhance the current AI and its resemblance to a human coach
- 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
- Developed an AI-driven product utilizing LangChain technology, achieving seamless integration with existing company systems via a RESTful API, enhancing efficiency and data processing
- Deployed the product on AWS using Elastic Beanstalk, cutting deployment time by 40% and achieving 99.9% system availability, supporting rapid company scaling and high customer demand
- Implemented the development workflow through AWS CodePipeline, enabling CI/CD for a streamlined and automated software release process, resulting in a 50% reduction in release cycle times

Projects

www.nassermughrabi.com

Naschats AI

<https://naschats.netlify.app>

- Built Naschats, an innovation platform that offers multiple AIs in one place, a tutor, a doctor, etc
- 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

Sorting Algorithms Visualizer

<https://sortingalgos-app.netlify.app>

- Developed an interactive sorting algorithm visualizer, enhancing student comprehension by animating five sorting algorithms with customizable speeds, colors, and data lengths
- Integrated user-friendly features for tailored visualization experiences, fostering a deeper understanding of algorithmic concepts
- Utilized the React framework to efficiently construct and deploy this educational web application, optimizing for both performance and usability