

Ihab Elrayah

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EDUCATION

Southern New Hampshire University (SNHU)

Bachelor of Science, Computer Science

Manchester, New Hampshire

Expected Graduation, May 2025

- **Concentrations:** Software Engineering
- **GPA:** 3.4/4.0, Honor's List
- **Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, Data Systems & Management, Software Design & Architect, Machine Learning, Artificial Intelligence

WORK EXPERIENCE

Full-Stack Developer Intern

July 2023 – November 2023

Reel Talk Start-Up

Los Angeles, California

- Integrated secure authentication systems with Google and Facebook OAuths using Node.js and Express.js, with connectivity of Firebase monitoring user's analytics ensuring system compliance.
- Implemented a search feature using Rapid Movie API with JavaScript, allowing users to find services 70% faster.
- Utilized cloud function events and triggers to optimize the Firebase Database speed performance by 25%.
- Designed a community portal with React, collaborating with the UX/UI team and incorporating user feedback.

Back-End Developer Intern

January 2023 – March 2023

Oppia Foundation INC.

Boston, Massachusetts

- Implementing third-party plugins and libraries using Moment.js to expand the date and time feature.
- Deployed Java and JUnit for code quality, executing unit and system testing with test coverages above 85%.
- Integrating CRUD operations and dependency management to maintain data reliability.

PROJECTS

NASA Space App Hackathon: Ocean Gardens | HTML, CSS, JavaScript, Java, Git | [Github](#)

October 2023

- Handpicked 3 members from the Multicultural STEM Community, engineering a marine biology awareness website.
- Designed an educational user-engaging storyline enhanced with mini-games and animations.

Movie Swiper | Node.js, Express.js, React.js, Firebase, Figma | [Github](#)

January 2023 – April 2023

- Developed a user-centric movie recommendation system with a watchlist for streamlined film selection.
- Implemented authentication and authorization mechanisms with embedded JSON Web Tokens for enhanced security.

Elrayah Apparel Charity | Python, Django, JavaScript, MySQL, AWS: EC2, RDS, Route 53 | [Github](#)

July 2022 – November 2022

- Started a charity website for my Start-Up company, utilizing clothes to drive awareness to underrepresented countries.
- Raise a total compensation of \$17,000+ averaging 15+ active users per day in a month's event.
- Optimized performance by reducing HTTP requests, with data security for the growth of donors.

LEADERSHIP AND ACTIVITIES

Multicultural STEM Community (MSC) | SNHU | Vice President

September 2023 – Current

- Co-founded MSC with 80+ diverse members, emphasizing inclusivity and amplifying marginalized voices in STEM.
- Organized events such as hackathons, mentorships, and seminars, promoting growth within the community.

ColorStack | SNHU | President

November 2023 – Current

- ColorStack, a non-profit organization, aims to elevate 15,000+ Black and Latinx graduates into fulfilling tech careers.
- Brought ColorStack to SNHU, hosting networking events to prepare members for early careers and internships.

New England Muslim League | Co-Founder

August 2022 – Current

- Leadership for sponsorships, and growth of 250+ players, nurturing stronger bonds within local Islamic communities.

SKILLS

Programming Languages: Python, JavaScript, Java, HTML, CSS, C++

Frameworks & Libraries: React, Node.js, Next.js, Express.js, Django, SprintBoot

Databases: Firebase, MySQL, MongoDB

Tools: AWS, GCP, Git, GitHub, Figma, Android Studio, Microsoft Office

CERTIFICATIONS

Amazon Web Services Certified Cloud Practitioner | [Link](#)

January 2023 – January 2026

Google Project Management Foundations | [Link](#)

December 2023