

Hashir Shah

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EDUCATION

Illinois Institute of Technology

Chicago, Illinois, US

B.S. Computer Science

Aug 2021 to May 2025

M.A.S Artificial Intelligence

Jan 2024 to Dec 2025

Courses: Data Structures and Algorithms, Computer Organization & Assembly Programming, Programming Languages and Translators, Introduction to Artificial Intelligence

PROJECT EXPERIENCE

Learners Loft (learnersloft.org)

June 2023 to Present

- Leveraged **Firestore**, **React.js**, and **Node.js** to convert a static blog into a dynamic and interactive website
- Engineered a **responsive** and user-friendly **front-end** using **React**, improving user navigation and experience, which contributed to a 20% increase in page views and longer user session durations.
- Employed **CSS** to design and implement responsive **UI/UX**, ensuring optimal performance and accessibility across diverse devices and browsers, resulting in a 15% reduction in load times and a 10% increase in site accessibility compliance
- Designed and implemented a robust back-end using **Node.js**, seamlessly integrating **Firestore** as the database, which led to a 40% improvement in data retrieval speed and reduced server response times by 25%.
- Deployed the website via **GitHub** and **Netlify**, implementing **continuous integration** and automated deployment, reducing deployment times by 50%, ensuring the latest content is always available to users.

Portfolio Website (hashirshah.com)

July 2023

- Developed a dynamic personal website using **React.js**, highlighting a diverse portfolio of software engineering projects
- Designed and implemented a responsive **UI/UX** using vanilla **CSS**, guaranteeing exceptional performance and accessibility across a wide range of devices and browsers leading to an increase in engagement and a 15% improvement in accessibility compliance.
- Deployed website through **Netlify**, incorporating **continuous integration** and automated deployment processes reducing the time required for updates by 40%, ensuring the portfolio always reflects latest achievements and skills

TEACHING EXPERIENCE

College Job

Chicago, Illinois, US

Teaching Assistant (TA) for Computer Science

Feb 2022 to May 2023

- Advised 25 students on how to tackle homework assignments methodically and logically
- Monitored 15 lab sessions ensuring ample support was provided to all students when needed
- Educated students on topics covered in class via short lectures
- Ensured students were well-prepared for tests, exams, and future courses, resulting in over 90% of students passing

AWARDS

College of Computing Dean's List (Spring 2023)

- Secured place on College of Computing Dean's List at Illinois Institute of Technology

Edexcel IGCSE Outstanding Learner Award in Computer Science (June 2019)

- Earned highest exam mark in the province

LEADERSHIP EXPERIENCE

Highschool Debating Competition

Islamabad, Pakistan

Media and IT Director

Oct 2019 to Nov 2019

- Supervised team of 15 creative individuals
- Directed over 20 pieces of promotional videos for social media resulting in a 30% increase in outreach
- Managed photography for event, both before and during resulting in near 100% coverage of event

TECHNICAL SKILLS

- Programming Languages: **JavaScript**, **CSS**, **HTML**, **Java**, **Python**, **C++**
- Frameworks/Libraries: **React**, **Node**, **OpenGL**
- Other Technologies: **Netlify**, **Firestore**, **Git/GitHub**, **MongoDB**, **Unity**