

# Amir Hamza

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I believe human existence does not have a meaning; instead, what humans do as a society and individuals gives meaning to their existence. Making a positive impact on people's lives always mattered to me, and this sparked my interest in technology, which has fundamentally changed the world in unbelievable ways. I want to accelerate this change further as my purpose in life.

I developed a love for **full-stack development** through my internships at Spreetail and Manatt's.

- At Spreetail, I worked on an **Android** application used in its fulfillment centers to track shipments. Spreetail's eCommerce business depends on this app for its supply chain management. As an intern on the team, I worked on the user interface of the app. My main projects were to remove third-party dependencies by replacing them with custom features and rewriting the source code from **Java** to **Kotlin**. This made the app self-reliant, efficient, and easy to manage.
- At Manatt's, I helped build the company's internal time tracking and payroll software in **.NET** and **Angular.js**. Hourly construction employees use this software to clock in time, which replaced handwritten timecards and external payroll software that were not suited for the company's needs. This software improved time management and made paystubs more accurate, saving the company millions of dollars.

What makes me a better full-stack developer is my ability to write secure code. This skill was developed through my security work experiences at Iowa State University and Nelnet.

- At my university, I was responsible for performing **web penetration testing** of websites to find vulnerabilities before a cyber attacker does. I used **Burp Suite** software to find critical vulnerabilities and then worked with developers to address them.
- At Nelnet, I performed web penetration testing of a company's internal software tool and contributed to **DevSecOps** initiatives by adding security unit tests in build pipelines.

I have also developed strong leadership skills by serving as President of two student clubs at Iowa State University.

- As the **President** of the Cardinal Space Mining Club, my team and I designed and built a mining robot to compete at **NASA's Robotics Mining Competition** at Cape Canaveral, Florida. My duties were overseeing finances, leading weekly team meetings, delegating technical tasks, and ensuring a collaborative work environment. At the competition, the team stood **4th out of 46** college teams.
- As the **President** of the **Institute of Electrical and Electronics Engineers** (IEEE) student chapter, my primary responsibilities included arranging recruiting seminars and tech talks in my department, sponsoring student projects, and carrying out STEM outreach events for K-12 students. While serving as the President, I also worked with the department chair to strengthen the undergraduate program.

I am passionate about technology, and I like contributing to projects that can positively impact the society. I enjoy self-learning, and I do not shy from trying new things that challenge me to expand my knowledge. Being confident about my technical and leadership abilities, I look forward to speaking with you about why I can be a good fit at your company.

Sincerely,  
Amir Hamza

