

## EDUCATION

**Bachelors in Computer Science**  
Texas Tech University, Lubbock, TX

**Graduation Date: May 2023**  
**GPA: 3.78**

## EXPERIENCE

Network Engineer Intern, **Betacom**

**May 2022 - August 2022**

- Spearheaded performance support initiatives, swiftly diagnosing, troubleshooting, RCA and resolving data fragmentation and transport failure issues, ensuring seamless operation.
- Pioneered RESTful API endpoints for configuring and troubleshooting 4G/5G Radios, ACP Firewalls, CORE, leading to an 80% reduction in manual intervention.
- Configured 4G/ 5G Outdoor and Indoor Radios and perform Production site testing with Handover on a daily basis.

CPCEED Student Mentor, **Texas Tech University**

**August 2022 – May 2023**

- Mentored and trained TTU freshman and sophomore students from 3 different countries.
- Created and implemented interactive lesson plans to incorporate active learning via group projects resulting in a 33% increase in student comprehension of programming concepts.
- Provided mentorship to students both within and outside of the college environment, assisting international students in their adjustment to life in the United States.

## PROJECTS

**SONIC Lab Workshop, Cornell University**

- Contributed to a collaborative effort with a 5-member team to develop an innovative assistive smart cane for the visually impaired, leveraging technology such as Raspberry Pi, calibrated sensors, and cameras.

**Open Market Hub**

- Developed a buying and selling web app platform by leveraging technologies such as ReactJS, Redux, Spring Boot, MySQL, and AWS Cloud to future-proof this startup concept.

**Blockbuster**

- Developed and hosted an interactive movie website enabling users to login, effortlessly search, explore, and sort movie titles, watch trailers, and conveniently manage their wish list for an immersive cinematic experience.

## SKILLS AND INTERESTS

**Languages:** Python, Java, C/C++, C#, SQL (PostgreSQL, MySQL, SQL Server), NoSQL (MongoDB), HTML/CSS, JavaScript

**Libraries, Frameworks, and SDLC:** Spring Boot, .NET, ReactJS, Redux, Maven, Flask, Junit, Agile, Scrum, Kanban

**Networking:** Firewall, Switch, IPsec, VLAN, SSLVPN, Wireshark, Routing, TCP/IP, Policy, WAN

**Tools and Platforms:** Shell, bash, Git, Docker, Kubernetes, AWS, Jira, Jenkins, Postman, VS Studio, Linux, macOS, Windows

**Soft Skills:** Problem-Solving, Analytical Capabilities, Attention to Detail, Critical Thinking, Leadership, Mentorship

**Areas of Interest:** Containerization and Orchestration, Cloud, Automation and Scripting, Azure, IOT, Open Source

## CERTIFICATIONS

- AWS Certified Cloud Practitioner, valid until September 2026
- AWS Certified Solutions Architect – Associate, valid until September 2026
- Okta Certified Professional, valid until December 2025

## VOLUNTEERING, CLUBS AND ACHIEVEMENTS

- **Computers for the Blind (CFTB), Volunteer**
- **Feed My Starving Children (FMSC), Volunteer**
- **Google Developer Student Club, TTU**
- **Nepalese Student Association, TTU**
- **Best Project, Capstone Project at TTU**
- **Magma Cum Laude, TTU**
- **President's Honor List, TTU**
- **Proven Achiever's Award Scholarship, TTU**