

Kiriti Aryal

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EDUCATION

Bachelors in Computer Science

Texas Tech University, Lubbock, TX

Graduation Date: May 2023

GPA: 3.78

EXPERIENCE

Software Developer Intern, *Unilink Software LLC*

May 2022 - May 2023

- Designed and developed microservices based web applications using Spring Boot, Eureka, Config Server, Spring Cloud Gateway; for loose-coupling, highly scalable needs.
- Implemented Sleuth for distributed tracing and documented REST APIs with OpenAPI 3.0 specification ensuring efficient documentation and health of application.
- Extensive use of native SQL queries as well as HQL using Spring Data JPA to develop and maintain database interaction in PostgreSQL and MySQL.
- Coordinated with QA team to ensure the quality of the application and was involved in unit and integration testing and debugging for ensuring bug free and clean code.
- Built CICD pipelines in Jenkins and involved in the complete lifecycle of SDLC for team-driven development.
- Collaborated with a team of proficient developers and learnt under their guidance.
- Mediated communication with clients to analyze their expectations and provided guidance to successfully reduce time for story development by 15%.
- Part of the company team that helped increase company revenue by 35%.

CPCEED Student Mentor, *Texas Tech University*

August 2022 – May 2023

- Mentored and trained TTU freshman and sophomore students from 3 different states.
- 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.

INVOLVEMENT AND PROJECTS

SONIC Lab Workshop, Cornell University

- Collaborated with a team of 5 members to build an assistive smart cane for visually impaired by using Raspberry Pi, calibrated sensors, and cameras.

Open Market Hub

- Developed a buying and selling web app platform using ReactJS, Redux, Spring Boot, MySQL, and AWS Cloud for future proofing this startup idea.

SKILLS AND CERTIFICATIONS

Certifications:

- AWS Certified Cloud Practitioner, valid until September 2026
- AWS Certified Solutions Architect – Associate, valid until September 2026

Skills: Python, C/C++, C#, Java, Spring Boot, Spring MVC, .NET, JavaScript, ReactJS, SQL Server, MySQL, MongoDB, Git, Jira, Jenkins, Docker, Scrum, Maven, Gradle, bash, AWS, Azure