

WORK EXPERIENCE

- Software Engineer** Walmart eCommerce, Sunnyvale, CA **January 2019–January 2023**
 - Designed data-driven solutions using big data and streaming technologies to enhance the Walmart store ecosystem.
 - Developed and executed complex SQL queries to uncover core infrastructure insights and correlate data.
 - Collaborated with the infrastructure team to predict store networking equipment anomalies and built a scalable portal for 20K users.
 - Designed microservices for store infrastructure incident resolution and utilized AIOps to detect and diagnose issues, improving MTTR.
- Devops Fellow Engineer** Aeris Communications, San Jose, CA **October 2018–December 2018**
 - Designed and implemented tools for automating the deployment of IOT applications.
 - Created automation to handle disk and memory log errors from Nagios and ELK stack.
 - Analyzed server log messages and developed dashboard on Kibana.
- Software Engineering Intern** Konviv Inc, Berkeley, CA **May 2018–August 2018**
 - Developed an AI-based financial management chatbot through K-Means clustering for customer transaction categorization.
 - Worked on Bayesian network based recommendation engine to guide the customers for better financial decisions.
- Deep Learning Research Assistant** San Jose State University, CA **May 2017–August 2018**
 - Contributed to UAV graffiti removal system development in San Jose, achieving 90% graffiti detection accuracy with SSD Mobilenet.
 - Employed inception model to differentiate graffiti and non-graffiti images for drone classification.
- Software Engineer** Larsen & Infotech, India **July 2014–June 2016**
 - Developed COBOL modules and SQL queries for online travel insurance and grew customer base by 80,000.
 - Rectified the production defects and played a major role in improving the latency of the screen designs.

LEADERSHIP AND COMMUNITY ENGAGEMENT

- Ambassador** at Women In Data Science (WIDS) **Jan 2024–present**

AWARDS

Employee Of The Month Award (June 2022): Awarded the best employee of the month for submitting a paper on "Proactive Incident Management leveraging AIOps techniques" at the internal Walmart conference.