Tejesh Reddy

Tempe, Arizona, United States

✉ tejeshreddy111@gmail.com   📞 +16028152070

in linkedin.com/in/tejeshreddy1

Summary

I am a first-year student currently pursuing masters in computer science at Arizona State University. As a graduate services assistant at ASU, I work on open-source tools/frameworks related to web crawlers and containerization solutions. I am a passionate problem solver with over 2+ years of professional software development experience in the areas of software engineering, backend, and infrastructure engineering.

Check my portfolio at: https://tejeshreddy.github.io/

Experience

Software Engineer
CVS Health
Feb 2023 - Present (6 months)
• Software Engineer contributing to the Pharmacy Benefits Management (PBM) team at CVS.
• Collaborated with cross-functional teams to develop an UiPath framework that automatically processes patient claims using business pipeline, resulting in a 30% reduction in processing time and a decrease in error rates.
• Implemented a robust RESTful service architecture to manage, deploy, and trigger over multiple RPA robots, ensuring seamless integration with existing systems and enhancing process automation efficiency.

Teaching Assistant
Ira A. Fulton Schools of Engineering at Arizona State University
Aug 2022 - Dec 2022 (5 months)
Teaching Assitant for Courses:
CSE 259: Logic in Computer Science (Prof. Steven Osburn)
CSE 355: Introduction to Theoretical Computer Science (Prof. Gennaro De Luca)

Graduate Research Assistant
Ira A. Fulton Schools of Engineering at Arizona State University
Nov 2021 - Aug 2022 (10 months)
Department: SEFCOM
• Assisting in a research project that aims to perform security analysis of large-scale firmware images and embedded systems when rehosted on a Linux-based virtual machine.
• Developed and deployed over 50 data pipelines on Kubernetes that aims on downloading over 80k firmware images from supported 100+ hardware vendors.
• Integrating several binary analysis workflows to help reverse engineer and analyze a targeted threat on firmware images.

Student Tutor

Arizona State University
Oct 2021 - Nov 2021 (2 months)
Department: UASP
• Tutoring undergraduate/graduate students in areas of computer science, programming, math, statistics, and SQL.

Software Engineer
Unbxd Inc., A Netcore Company
Jul 2019 - Aug 2021 (2 years 2 months)
Unbxd is an AI powered commerce search which creates a relevant and personalized user shopping experience

• Building data pipelines using PySpark and Hadoop on AWS EMR to facilitate data ingestion to power search
• Integration of Unbxd search, autosuggest and recommendation libraries to customer e-commerce sites
• Contributing to the design and development of Unbxd Search/Autosuggest and Recommendation Libraries
• Developing intelligent product recommender systems to rank products based on NLP and statistical approaches
• Collaborating with the internal teams for developing uptime and scheduler monitoring dashboard and visualization tools

Java Software Engineer
Hindustan Aeronautics Limited
Jan 2019 - Feb 2019 (2 months)
• Assisted the engineering department to develop a technical snag(mechanical error) consolidation software to avoid manual error while collecting mission-critical information
• Designed and developed webpages for workflow management with an aim to achieve a faster and hassle-free allocation of task

Web Developer
SdlGlobe Technologies Pvt Ltd (Formerly SmartDrive Labs Technologies India Pvt Ltd)
Jan 2018 - Feb 2018 (2 months)

Education

Arizona State University
Masters of Science - MS, Computer Science
Aug 2021 - Present

PES University
Bachelor of Engineering - BE, Information Science and Engineering
Aug 2015 - May 2019

Ryan International School, Noida
2003 - 2015

Licenses & Certifications

RCR - Engineers Responsible Conduct of Research - CITI Program
52368019

Skills

Data Structures • MySQL • Python (Programming Language) • Java • Amazon Web Services (AWS) • Data Engineering • Docker Products • Kubernetes • REST APIs • Distributed Databases