

Kevin Pulikkottil

Richardson, TX | 669-253-8966 | kevin.pulikkottil@utdallas.edu | US Citizen
<https://www.linkedin.com/in/kpulik> | <https://github.com/kpulik> | <https://kpulik.github.io/Portfolio>

SUMMARY

Computer Science student with expertise in software development, systems design, network security, and cloud infrastructure. Seeking entry-level Software Engineer or Cybersecurity Engineer position to apply technical knowledge and contribute to meaningful projects.

EDUCATION

The University of Texas at Dallas, Richardson, TX

Expected May 2026

Bachelor of Science, Computer Science

- Coursework: Database Systems, Computer Networks, Networking Laboratory, Operating Systems, Data Structures & Algorithm Analysis, Software Engineering, Digital Logic & Computer Design

TECHNICAL SKILLS

Programming Languages: Java, Python, C++, SQL

Software Engineering: Object-Oriented Design, Data Structures, Algorithms, Software Design Patterns, UNIX Systems Programming, Database Design and Normalization

Security & Cloud: Network Security, Firewalls, Cloud Security, AWS Security Best Practices, Network Protocols (ISO Model, TCP/IP), Access Control, Data Integrity

ACADEMIC & PERSONAL PROJECTS

Secure Home Lab on Raspberry Pi, Personal

December 2025 – Present

Tools Used: Raspberry Pi, Linux, Tailscale, Pi-hole, DNS Configuration, Firewall Management

- Deployed a tailnet using Tailscale to remotely access a Raspberry Pi-hosted Pi-hole DNS sinkhole and media server on a home network
- Configured DNS settings, firewall rules, and access control policies to reduce 99% of ad traffic and improve network security posture
- Monitored network queries and access logs to validate blocking of unwanted domains and unauthorized access attempts

Breast Cancer Detection Model, Algoverse Ai Research

February 2024 – May 2024

Tools Used: Python, scikit-learn, pandas, NumPy

- Built and tuned a classification model on the Breast Cancer Wisconsin dataset to predict diagnosis labels with 92% accuracy using scikit-learn

ORGANIZATIONS

Computer Security Group, *Member*

August 2025 – Present

- Participated in weekly capture-the-flag (CTF) challenges, practicing exploitation techniques in reverse engineering, cryptography, and web security

Cyber Defense and Response Unit, *Member*

August 2025 – Present

- Solved beginner and intermediate CTF problems in cryptography, OSINT, and binary analysis to reinforce security fundamentals
- Engaged in hands-on defensive security exercises and team-based security competitions

Artificial Intelligence Society, *Member*

August 2025 – Present

Association for Computing Machinery, *Member*

August 2025 – Present

CERTIFICATIONS & AWARDS

Eagle Scout, Scouting America

January 2021

AWS Certified Solutions Architect - Foundations of Cybersecurity, Google

September 2025

SQL Essential Training, LinkedInLearning

May 2023

CompTIA Security+, CompTIA

In Progress