

PROFESSIONAL SUMMARY

Cloud-focused computer science graduate with hands-on experience in Azure, infrastructure-as-code, and full-stack development. Passionate about building scalable cloud solutions, serverless APIs, and DevOps pipelines using technologies like Docker, Terraform, and Python. Strong foundation in networking and cybersecurity principles backed by Microsoft and Cisco certifications. Led projects integrating GitHub Actions, Azure Functions, and Cosmos DB to automate deployments and data workflows. Actively contributing to open source and building real-world systems shared at brookkassa.com.

SKILLS

Cloud Platforms: Azure (App Services, Azure Monitor, Functions, Cosmos DB, Blob Storage, RBAC, IAM), Azure DevOps, **IaC & Automation:** Terraform, Azure Bicep, ARM Templates, GitHub Actions, PowerShell, Bash, VMware, REST API **Dev Tools & Monitoring:** Git/GitHub, Docker, Wireshark, Cisco Packet Tracer, VS Code, Jira, Prometheus **Web & App Dev:** React, Vite, Node.js, WordPress, REST APIs, Java, Python **Key Concepts:** Cloud Architecture, CI/CD, Scripting & Automation, DevOps, OOP, Networking, Cloud Security Best Practices

TECHNICAL EXPERIENCE

- Cloud Resume Challenge – *Personal Project*

January 2025 – June 2025

 - Built a fully serverless portfolio site hosted on Azure using static web apps and Azure Functions
 - Integrated a live visitor counter using Python Azure Functions connected to Cosmos DB
 - Automated deployments with GitHub Actions and provisioned Infrastructure using Bicep templates
- Movie Microservices App

September 2024 – December 2024

 - Developed a movie recommendation app using containerized Node.js services deployed with Docker Compose
 - Used REST APIs to retrieve and display movie data based on genres and user history
 - Built a frontend with Vite/React and deployed locally on cloud-hosted environment: Cloud Lab
- Cisco Networking Lab Project

December 2023 – January 2024

 - Simulated real-world networks in Cisco Packet Tracer with switches, routers, VLANs, and subnets
 - Configured DHCP, DNS, and routing protocols while applying IPv4/IPv6 subnetting strategies
 - Familiar with virtualization environments including Hyper-V and basic VM provisioning in Azure.

CERTIFICATIONS

Microsoft Certified: Azure Administrator Associate (2025)
Microsoft Certified: Azure Fundamentals (2024)
Microsoft Certified: Security, Compliance, and Identity Fundamentals (2025) Cisco
Certified Support Technician (2024)

EDUCATION

Bachelor of Science, Computer Science

West Chester University of Pennsylvania | GPA: 3.5

Relevant Coursework: Networking, Cloud Computing, Distributed Systems, Web Development

August 2019 – May 2025