

# Ray Bailey

Owasso, Oklahoma | 580-704-6761 | raybailey101120@gmail.com | www.linkedin.com/in/raybailey26

## EDUCATION

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### Oklahoma State University

Bachelor of Science in Business Administration

Major: **Management Information Systems**

Graduated: May 2026

GPA: 3.8

## TECHNICAL SKILLS

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- **Programming:** C#, CSS, HTML, SQL, Python, BASH, PowerShell
- **Data Visualization/Analytics:** Excel, Tableau, Power BI
- **Development Tools:** Visual Studio, JetBrains Rider, TeamCity, Azure DevOps, GitHub, TFS, Docker
- **Office Tools:** Google Workspace and Microsoft 365
- **Project Management:** Agile, Scrum, Waterfall
- **Networking:** OSI Model, TCP/IP, IP addressing, subnetting, routing
- **Infrastructure:** Network topology design, router configuration, NAT, port forwarding
- **Servers:** Windows Server, Ubuntu/Linux server installation and administration
- **Network Services:** DNS, DHCP, FTP, SMTP configuration
- **Identity Management:** Active Directory user and domain management
- **Remote Access:** RDP configuration and troubleshooting

## PROJECTS

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### Mundane Activities Website Development – Web Development Project

Aug 2024 – Dec 2024

- Built a mock web-app for a real music and headphone design brand, including a music showcase and email sign-up form.
- Developed front-end in HTML/CSS with SQL integration; collaborated using Azure DevOps and Agile principles.
- Strengthened teamwork, adaptability, and project documentation skills.

### OSU Collab Innovation Fund Project – Project Management Course

Jan 2025 – May 2025

- Led an 8-member team as the project manager to design a mock MIS help desk and networking platform.
- Managed timelines, communication, and risk mitigation using Agile & Waterfall methods.
- Presented project outcomes and recommendations to faculty stakeholders.

### Enterprise Network Infrastructure Project – Network Infrastructure Course

Jan 2026 – May 2026

- Designed and implemented a simulated enterprise IT environment using VMware Workstation with multiple virtual machines.
- Installed and configured Windows Server and Ubuntu systems, implementing core network services including Microsoft Active Directory, Domain Name System, Dynamic Host Configuration Protocol, and File Transfer Protocol.
- Designed network topology and IP addressing scheme, configured subnetting, routing, and connectivity testing across multiple network segments.
- Deployed a web server and configured DNS and port forwarding to enable domain-based access to hosted services.
- Implemented remote administration and domain authentication using Remote Desktop Protocol and Active Directory user management.

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## Self-Hosted Portfolio Website

*May 2026 – Present*

- ray-bailey.com · Personal Project
- Deployed and maintain a live website on a home Ubuntu Server VM running Apache2 with zero cloud hosting.
- Secured with UFW firewall, SSH key authentication, fail2ban, and Cloudflare Tunnel with no exposed ports.
- Built an automated deploy pipeline using GitHub and WinSCP for instant file synchronisation on save.

## WORK EXPERIENCE

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### Raising Cane's

*May 2020 – Present*

#### *Fry Cook/Cashier*

- Manage a crew of kitchen associates as a Bird Specialist, solving problems throughout daily operations.
- Increase restaurant productivity by becoming a certified trainer for new team members.

## ACTIVITIES & LEADERSHIP

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### Oklahoma State University Cowboy Marching Band

*August 2022 – January 2025*

- Represented Oklahoma State University by playing trombone at every home football game and some away games.
- Create a home-field advantage and contribute to the event's atmosphere.

### OSU Data Analytics Club

*September 2025 – May 2026*

- Collaborate with peers to explore real-world data analytics applications.
- Gained exposure to industry professionals while engaged in networking and skill-building activities focused on technology in business.