

Drake Damron

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Technical Skills

C#, ASP.NET Core, Razor, HTML5, CSS, JavaScript, Python, Java, SQL, JSON, Git, Azure, Bash, Cryptography

Certifications

Responsive Web Design Certification – Freecodecamp.org

Experience

Riverain Technologies | Software Development Intern

05/2024 – Present

- Designed and developed a full-stack MVC web application using C#, ASP.NET Core, and Razor views to automate license provisioning, enhancing operational efficiency; independently authored 100% of the codebase from concept to deployment
- Implemented secure license generation and signing workflows, integrating cryptographic thumbprint generation, INI file parsing, and external process execution, while ensuring robust error handling and data validation
- Collaborated on requirements gathering and design documentation, translating business needs into technical specifications and delivering a scalable solution with configurable product options, email notifications, and file management features
- Leveraged dependency injection and configuration management with Microsoft.Extensions to build a maintainable and extensible application, incorporating logging (Serilog) and SMTP email services for real-time user notifications

University of Cincinnati | Service Desk Technician

12/2023 – 04/2024

- Answered calls and remotely connected to software to rectify IT issues
 - Collaborated with coworkers to solve complex software problems
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Projects

License Manager Web Application | C#, ASP.NET Core, JavaScript, JSON

- Designed and developed a scalable web application to unify and future-proof license creation for Riverain's medical imaging products, consolidating legacy X-ray and CT tools into a single, user-friendly interface
 - Implemented dynamic license generation with HASP ID retrieval (via Thales integration), signed INI file output, and optional Base64 encoding, enhancing flexibility and security for license provisioning
 - Engineered a modular system reading JSON configurations from a licensed-products folder, enabling seamless addition of future products with selectable features for INI file generation
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Education

University of Cincinnati, BSIT

08/2021 – 04/2026

Major: Information Technology (Software Application Development)