

DAVID R. MAGUIRE

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Experienced software engineer with a passion for programming and innovation. Over five years of experience in developing and maintaining web applications, databases, and information systems. Skilled in building both front-end and back-end solutions, and proficient in creating automated processes with C#, SQL, PowerShell, and Azure Data Factory.

TECHNICAL SKILLS

Tools/Platforms

- Claude Opus 4, Claude Sonnet 4.5, GPT-5, IIS, Git, Bitbucket, Jira, Confluence, SSMS, Vsphere/VMware, Visual Studio, VS Code, Active Directory, Wireshark, Microsoft Office, Android Studio, Salesforce, Postman, Git Kraken, ADF, Power BI, SSRS

Languages/Frameworks

- C#, SQL, ASP.NET, HTML, C++, Java, Python, JavaScript, Next.js, React, Typescript, CSS, HTML, Angular, Azure

Research and Planning

- Full-stack Software Development, Data Security, Troubleshooting, OOP, Network Security, Agile Development

PROFESSIONAL EXPERIENCE

LAZ Parking, Hartford, CT

August 2023 - Present

App Developer

- Utilized AI LLMs, primarily Claude Opus 4 and Claude Sonnet 4, to assist in development and documentation of codebases.
- Designed and developed a full-stack application using React, JavaScript, and TypeScript that supports OAuth authentication, collects user and API data via forms, stores it in structured SQL tables, and displays it on personalized user dashboards.
- Created a deployable application, using Windows Forms and C#, that aggregates files of different types from various server locations and compiles them into structured PDF packages.
- Built Power BI reports for financial reporting using SQL-sourced data to visualize spend, variance, and trend metrics.
- Maintained legacy code for enterprise web applications written in Angular and Typescript.
- Developed a C# Azure Function to securely decrypt, process, and manipulate encrypted GPG files from an SFTP directory, seamlessly transmitting the extracted data via API integrations.
- Created and developed pipelines in Azure Data Factory, utilizing SQL and PowerShell scripts.

Ivy Biomedical Systems, Branford, CT

June 2022 - August 2023

Software Engineer/IT Manager

- Designed a web application written in ASP.NET and C# that generates and prints various order labels based on user-provided shipping numbers.
- Built SSRS label reports using SQL-backed datasets, incorporating parameters and formatting rules for consistent printing across departments.
- Developed a database-driven web application enabling employees to input information in a structured report format, as well as view, edit, and print previously created reports.
- Maintained essential IT infrastructure (i.e., desktops, servers, email systems, security tools, and company databases).
- Performed a company wide email server transfer from Intermedia to Microsoft 365.

CyberArk, Newton, MA

July 2021 - January 2022

Enterprise Support Intern

Vineyard Vines, Stamford, CT

January 2020 - May 2020

IT Intern

Sacred Heart University, Fairfield, CT

January 2019 - May 2021

Audio Visual Technician

EDUCATION

SACRED HEART UNIVERSITY, Fairfield, CT

Bachelor of Science, **Major in Computer Science and Cybersecurity, Minor in Mathematics**

Class of 2022

GPA: 3.5

ACTIVITIES

- Member of Alpha Kappa Psi Professional Business Fraternity, Chi Mu Chapter
- Resident Success Assistant (RSA) / Resident Advisor (RA) at Sacred Heart University

2020 - 2022