

# Samantha Thompson

## Software Engineer

SThompsonSoftware@gmail.com | SamanthaThompson.me | West Lafayette, IN

### PROFESSIONAL EXPERIENCE

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**Software Developer II**, DELMAR Software Development - West Lafayette, IN

June 2024 to Present

- Led software development teams and coordinated production release schedules to ensure seamless deployments, on-time project delivery, and generated over \$1.25 million in revenue
- Developed custom REST APIs in .NET 6 to meet client-specific requirements, ensuring scalability, security, and seamless integration with existing systems
- Designed and optimized normalized SQL Server databases to improve data integrity, reduce redundancy, and enhance query performance
- Refactored API endpoints for an agricultural business that lead to an average of 162% reduction in response times
- Integrated existing client applications with third-party APIs ranging from AI-powered sewer condition assessments to non-profit content management systems
- Served as project manager for multiple applications by leading developers and communicating project schedules, status updates, and biweekly invoices to clients and stakeholders

**Software Developer I**, DELMAR Software Development - West Lafayette, IN

January 2022 to June 2024

- Collaborated with developers to design and deliver custom software solutions for small to medium-sized businesses in an agile environment
- Implemented a new payment system using Stripe Custom Connect to facilitate the secure transfer of over \$6,000,000 to users
- Automated weekly hospital invoicing by emailing and generating custom PDF invoices to streamline the billing workflow and improve the efficiency of the scheduling company
- Diagnosed and resolved a wide range of software bugs in legacy applications, ensuring uninterrupted support for clients and their businesses
- Refactored the company's timekeeping software from a Windows Forms app to a single-page web application using Vue and SyncFusion user interface components
- Improved the company's Vue and .NET templates to decrease the amount of development time needed for software creation

### PROJECTS

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**PlayHoneyPot.com** - React, Typescript, Tailwind CSS

- Created a custom design for an online party game utilizing Figma and Tailwind CSS library
- Developed a React web application with WebSockets to facilitate real-time data exchange

### TECHNICAL SKILLS

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**Languages:** C#, JavaScript, Python, Java, SQL, HTML, CSS

**Frameworks/Libraries:** Vue, React, Next.js, .NET, .NET Core, Entity Framework,

**Other Tools:** Microsoft SQL Server, AWS, Postgres, Stripe, Git, Bitbucket, Postman, SyncFusion, Datadog, Figma

### EDUCATION & CERTIFICATIONS

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**Purdue University - Bachelors of Science**, West Lafayette, IN

Major: Neurobiology & Physiology    Minor: Computer Science

**Foundations of Project Management**, Google - Issued August 2024

**AWS Certified Cloud Practitioner**, Amazon Web Services - Issued November 2021

**Technical Support Fundamentals**, Coursera - Issued May 2021