

Hannah Newby-Smith

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Summary

Software engineer with over 5 years of experience developing and maintaining .NET applications in agile environments. Hands-on experience creating REST APIs, setting up authentication & authorization mechanisms (such as JWT, OAuth, etc.), and integrating with databases (such as MySQL, SQLServer etc) in serverless environments (AWS, Azure). Experience developing mobile applications using both cross-platform implementations (Xamarin) as well as native iOS (Swift).

Relevant Work Experience

Patterson Companies, Software Engineer | 2023 - Present

- Collaborated in the design for modernization of document organization within software
- Co-Led the development of document organization modernization in Agile environment
- Developed security patches for legacy software
- Mentored incoming employees

Silverpine Software, Software Engineer | 2021 - 2023

- Architected and led the development of .NET RESTful API for mobile game integrated with AWS Lambda and API Gateway
- Implemented an IoTHub service using Azure IoTHub and Azure Functions in Hotel Property Management System used in over 30,000 hotels
- Integrated software with multiple third-party APIs to enhance functionality and improve user experience
- Led the hiring process for summer interns
- Developed multiple native iOS mobile application prototypes using Swift to assist clients in strategic decision making

Open Dental Software, Software Engineer | 2019 - 2021

- Led the expansion of a mobile application to include Universal Windows Platform(UWP), with integration of Azure Notification Hub for WNS push notifications
- Assisted customers with maintenance and data recovery for MySQL databases
- Communicated with customers, support technicians, and the internal testing team to investigate, replicate, and implement fixes for reported bugs
- Assisted in interviews of potential software engineer hires
- Mentored new software engineer hires

Projects

ZDay SurvivorZ | Silverpine Software | 2022 - 2023

- Designed and developed ASP.NET REST API for mobile application
- Integrated API with AWS Lambda and API Gateway

eClipboard | Open Dental Software | 2019 - 2020

- Enhanced Xamarin cross-platform application to include UWP
- Collaborated closely with business leaders and marketing team on app release
- Integrated app with Azure Notification Hubs for WNS push notifications to users

Education

B.S. Computer Science | Pacific University (Forest Grove, OR) | May 2019

Skills

C#, C++, C, HTML, CSS, SQL, Swift, .NET (Core & Framework), ASP.NET, MVC, MVVM, Azure, AWS, MySQL, SQL Server, Postman, Swagger, Xamarin, Git