

# JACOB PHILLIPS

## Software Developer

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## SKILLS

### Full Stack Web Development

### Web Design

### React

### ASP.NET Core MVC

### Docker

### Unit Testing

### Git

## PROJECTS

### Instructor Hub

🔗 <https://github.com/gschool-blue-ocean/instructor-hub-20>

Customer Relationship Manager built with React, Node.js with Express, and PostgreSQL.

- Developed a responsive frontend using React, incorporating various libraries for state management, client-side routing, and additional styling.
- Designed and implemented a RESTful API using Express, enabling seamless data retrieval and manipulation with full CRUD (Create, Read, Update, Delete) functionality from a PostgreSQL database.
- Implemented unit tests using Jest for backend functionality, ensuring code quality and reliability.
- Conducted end-to-end tests using Playwright, validating the application's functionality and user experience.

### Blog - jacobrphillips.com

🔗 <https://github.com/jacobrphillips/YoutubeBlog>

C#/ASP.NET Core MVC-powered blog application that serves as the official website for my YouTube channel, dedicated to the exploration of coding and programming. Utilizes PostgreSQL as the database.

- Implemented a feature-rich personal website, <https://www.jacobrphillips.com/>, using C#/ASP.NET Core MVC, showcasing an interactive portfolio and in-depth coding tutorials through an optimized Model-View-Controller architecture.
- Leveraged ASP.NET Core MVC's routing capabilities to design a user-friendly navigation system, ensuring seamless exploration of blog posts, coding resources, and portfolio sections while enhancing overall website usability.
- Utilized Razor Views within ASP.NET Core MVC to dynamically generate HTML, facilitating the creation of engaging and data-driven content presentation, resulting in an immersive experience for visitors interested in coding insights.
- Integrated ASP.NET Core Identity for user authentication, empowering visitors to engage with the website's content by leaving comments, thus fostering a collaborative community around the shared passion for coding.
- Employed ASP.NET Core's built-in data validation and entity framework to manage and display blog posts and portfolio items, ensuring data consistency, security, and enabling efficient content updates that resonate with fellow coding enthusiasts.

### Adidas Product Page

🔗 <https://github.com/FrontEndForceTeam/AdidasFEC>

Replica of an Adidas Product Page built with React, Node.js with Express, and PostgreSQL.

- Responsive frontend using React to meticulously replicate the layout and functionality of the Adidas product page, implementing various libraries for precise state management, seamless client-side routing, and meticulous styling.
- Designed a robust and scalable RESTful API using Express, seamlessly integrating SQL database retrieval for efficient data management and retrieval.

## PROGRAMMING

### JavaScript



### HTML & CSS



### C#



### SQL



## STRENGTHS

🗨️ Oral and Written Communication

✓ Reliable and Consistent

📖 Committed to Lifelong Learning

👤 Team Building

## EDUCATION

BSc in Computer Science

Oregon State University

📅 2023 - Ongoing

## TRAINING / COURSES

### Operation Level-Up: Software Engineering Immersive

18-week Full Stack Software Engineering course for military veterans provided by Galvanize Inc.