


Cody Grkman

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Passionate Software Engineer with 4+ years of experience in front-end and back-end development. Strong skills in full-stack web development and a passion for working in product-driven environments. Proven ability to deliver high-quality code and drive projects to successful completion.

Experience

MAR 2020 - PRESENT

Application Development Specialist/True Helix, Delmont, Pennsylvania

- Built a Blazor server application from the ground up using .NET Core, Blazor (MVVM), Razor (MVC), EF Core, DevOps for CI/CD, Azure for web hosting.
- Implemented RESTful APIs that served data to a cross-platform mobile app handling thousands of requests per hour.
- Created custom data table controls to provide additional flexibility over out-of-the-box solutions, hosted as a NuGet package with over 1,000 downloads.
- Collaborated with business analysts to create complex workflow and logic documentation to improve engineer onboarding process.

JAN 2019 - MAR 2020

Software Developer I/Management Science Associates, Bakery Square, Pennsylvania

- Planned and developed the HealthMetric mobile app (iOS/Android) using PHP, Java, Objective-C, and MVC architectural pattern as a key member of the life sciences team.
- Implemented Fitbit, NutritionIX, HealthKit application programming interface integration for front and back-end systems, allowing users to view activity and nutritional data in a unified space.
- Created internal data generation and management tools to drastically increase the speed and accuracy at which the quality assurance team could validate requirements.

JUN 2018 – DEC 2018

Information Technology Specialist/Dedicated Nursing Associates, Delmont, Pennsylvania

- Developed Java console-based tool to interact with application programming interface to create local backups of company data.
- Implemented automated scripts to periodically audit company phone numbers with abnormally low traffic, decreasing operational costs on a monthly basis.

AUG 2017 – PRESENT

Freelance Developer

- Constructed online storefront presence for local business, helping to generate 35% more revenue per month.
- Developed Blazor server web application allowing small business to streamline inventory reconciliation, resulting in a 400% reduction in man hours required to complete yearly inventory.

Skills

Languages: C# • JavaScript • SQL • Python • Java • PHP • C

Frameworks: .NET Core • Entity Framework Core • Identity Framework Core • Flask • SQLAlchemy

Technologies: Blazor • Razor • Azure • Git • DevOps • MongoDB • Junit • Bunit • Xunit • Selenium • Flask • HTML • CSS/Sass • Docker • SignalR

Patterns: (Architectural) MVC • MVVM • Service (Design): Domain Driven Design • SOLID

Education

AUGUST 2020

Bachelor of Computer Science/University of Pittsburgh