DANIEL PARTON
SOFTWARE DEVELOPER

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https://daniel-parton.github.io/portfolio

I am a passionate full stack developer with expertise in creating complex web applications. I have over 10 years of experience in backend development using .NET and C#, and frontend development with React, JavaScript, HTML, and CSS. I've worked with AWS, Azure, and GCP to deliver enterprise applications for thousands of users. My knowledge of application architecture and design patterns, such as SOLID principles and Domain-Driven Design, enables me to build scalable and maintainable software solutions.

EMPLOYMENT HISTORY

Lead Developer
Komo Technologies komo.tech

Feb 2021 - Present
4 years 7* months

Komo is a gamified marketing SaaS that generates leads and engages audiences through digital experiences. I lead a team of five developers.

INFRASTRUCTURE STACK

Google Cloud Platform (GCP), PostgreSQL, Docker, Kubernetes
.Net Core, NextJs, React, Typescript,, CQRS (Mediatr) , SignalR

KEY ACHIEVEMENTS

- Developed a scalable analytics/workflow stack with event sourcing.
- Replaced N-tier architecture with CQRS pattern using Mediatr.
- Enhanced CI/CD pipeline with database integration testing for better coverage.
- Implemented SignalR for web sockets in complex games.
- Created a dynamic data-driven form builder using React Hook Form.
- Mentored junior developers, fostering autonomy and responsibility.
- Implemented a new support stream by establishing a feature request workflow for internal teams and customers, enabling prioritization of small dev features.
- Led the creation of a UI block builder for webpage design and linking live event data

Senior Full Stack Developer
BHP bhp.com

Oct 2020 - Feb 2021
5 months

I contributed to BHP's Dash project, which equips fitters with a device that includes installation instructions and sensors, transmitting data to a website accessible through the device's Wi-Fi.

INFRASTRUCTURE STACK

Azure, Azure Devops, Balena (IOT), Docker
.Net Core, MQTT, Influx DB, IOT, React, Typescript

KEY ACHIEVEMENTS

- Optimized .NET Core container for efficient raw sensor data parsing to Influx database.
- Created user-friendly gauges and graph controls for a React SPA, improving user experience.
- Mentored team on .NET standards and React basics, promoting growth and teamwork.
- Automated Docker container deployment using Azure DevOps, enhancing software delivery speed and consistency.

Senior Full Stack Developer
Cash Converters cashconverters.com.au

Jul 2019 - Oct 2020
1 year 3 months

I worked as a full-stack developer in Cash Converters' Personal Finance team, which handles the loan application process

INFRASTRUCTURE STACK

Azure, Azure Devops, PostgreSQL
.Net Core, CQRS, Event Sourcing, React, Typescript, Cypress testing

KEY ACHIEVEMENTS

- Developed a Service Bus, integrating Rebus with CQRS for better communication and scalability.
- Improved the main loan web application with Typescript and React, enhancing performance and user experience.
- Achieved full test coverage for the loan web application using Cypress, integrated with CI/CD for quality control.
- Mentored junior developers, helping them gain responsibility and skills for their careers.

Senior Full Stack Developer
BHP bhp.com

Apr 2019 - Jul 2019
4 months

During my short contract role, I led the rewriting of small applications from .Net/AngularJS to React/.NET Core, with a focus on mobilization and resource allocation for mine shutdowns.

Senior Full Stack Developer
Diversus diversus.com.au

Aug 2018 - Apr 2019
1 year

Diversus provides software solutions as a service to several organisations mostly in the C# .Net space. I work as a full stack developer creating solutions for the front and back end of bespoke web applications.

Full Stack Developer
Clickhome clickhome.com.au

Sep 2016 - Aug 2018
2 years

ClickHome provides custom built enterprise level project management software for home builders

Junior Software Developer
Denver Technology denver.com.au

Jun 2015 - Sep 2016
1 year 4 months

EDUCATION

Graduated Lockridge Senior High School

2008

REFEREES

References available on request