CAMERON
PASCAL
SOFTWARE ENGINEER

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PROFILE

An Innovative team-oriented, and Agile full-stack software engineer with three years of professional hands-on experience developing and delivering data-driven software. A passionate and independent self-learner with excellent verbal and written communication skills. Comfortable on the Linux command line or Windows and able to rapidly come up-to-speed with new languages and technologies.

TECHNICAL HIGHLIGHTS

Development	Tooling	Data
TypeScript, JavaScript, C#, SQL, C, and Java	Webpack	MSSQL
Angular 2+, CSS3, HTML5, jQuery	NPM	PostgreSQL
Express, Rxjs	Git	RESTful API design, implementation, and security
ASP.NET, ASP.NET Core, Windows, Linux	Visual Studio	Relational database design and normalization

EXPERIENCE

Associate Software Developer – Infragistics ReportPlus Web Team   5/2016 – Present | Cranbury, NJ
- Worked full stack on ReportPlus Web, a web application using C#, TypeScript, Webpack, ASP.NET, SQL, Angular 4 and Agile practices.
- Wrote SQL queries to replace some expensive object-relational mapping (ORM) operations.
- Wrote unit and integrations tests.
- Researched token based single-sign-on (SSO), and delivered a JSON Web Token (JWT) based prototype that was integrated into ReportPlus by the product architect.
- Implemented and maintained RESTful API endpoints, as well as using Angular's AJAX features to integrate endpoints client-side.
- Implemented a server-side, high throughput, and RFC 4180 compliant CSV conversion system in C# to convert internal tabular data to CSV and distribute it to end-users.
- Worked with a UX architect to design and implement a data export feature consisting of 10+ Angular components and many API endpoint integrations.

Associate Software Developer Intern – Infragistics   Summer 2013, Summer 2014, & 4/2015 – 5/2016 | Cranbury, NJ
- Participated in three separate internships performing various roles in both product development and consulting services.
- Used Agile/Scrum techniques to deliver software.
- Part of a two-person team who designed and built an Android application that showcased Infragistics visualization controls and source-code examples to customers.
- Worked with a UX architect to design, implement, and deliver an internal database-connected (EF, MSSQL) desktop application (WPF) to allow sales executives to generate statement-of-work documents for client projects.
- Handed over QA/testing responsibilities and process knowledge to a newly hired senior QA engineer by developing documentation and providing hands-on training.
- Performed mission-critical testing and bug-fixing on showcase applications demonstrated by executives at Microsoft's Build 2013 conference.

PROJECTS

philly-crime-context
- Worked on a three-person academic team to rapidly design and implement a web application to display and aggregate Philadelphia crime data by fusing publically available weather, geographic, demographic, economic data, and crime data to create a tool that users can use to find correlations.
- Utilized PostgreSQL, Node.js, and Express to develop a backend API to serve data to a front-end single-page JQuery application.
- Designed a normalized database schema to store, query, and clean over a gigabyte of data. Wrote SQL queries.
- Created a continuous integration and deployment workflow using Heroku and Linux to publically deliver philly-crime-context.

EDUCATION

Bachelors, Computer Science – Rutgers, The State University of New Jersey   2017 | New Brunswick, NJ
Studied AI, algorithms, data structures, databases, and distributed systems.

ACHIEVEMENTS & LEADERSHIP

Treasurer – BΔ Chapter ZBT Fraternity
Managed the finances of a 70+ member organization. Oversaw revenues of nearly $400,000 a year, while sitting on the executive board.

Eagle Scout – Boy Scouts of America
Successfully planned, managed, designed, and documented the construction of a public fitness area to achieve the rank of Eagle Scout.