**David Parker Dell**

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**PROFESSIONAL PROFILE**

Experienced Senior Full Stack Software Engineer with DevOps who can bring leadership along with a diverse skill set and strong work ethic to drive software application development. Proficient in designing, developing, and maintaining SAAS multi and single tenant web applications, REST APIs and ETLs in various programming languages and framework along with building out SPAs in React, Angular and VueJs

**EDUCATION**

**M.S. Computer Science**

**Concentration in IT Project Management** Boston University, Boston, MA

May 6, 2021▪GPA: 3.9

Master’s program emphasized utilizing the best practices in programing within an agile environment and focused on expanding leadership and technical skills. It also allows me to take the PMP exam. Project management emphasized utilizing agile principles providing detailed knowledge on how to run standup, sprint planning, review, and retrospective. It also provided insight on select the right project methodology for a given team and project. Example: when to select Kanban versus a pure sprint. For capstone project, I designed the full stack architecture for a full stack application that mirrors status cake and lead a team of very junior developers to successfully complete the project in a 6 week window. <https://webchek.netlify.app/> I also helped the professor of several courses to redesign their courses. Overall, this degree helped expand upon my leadership skills and further enhance my technical skills through providing a sandbox to practice in.

**B.S. Computer Information Systems and Business Administration** Double Major

**Concentration in Management** Bridgewater College, Bridgewater, VA

2016▪GPA: 3.6▪ Dean’s List Honoree ▪ Sigma Delta Beta Honor Society

**SKILLS**

▪ Full stack software development ▪REST API▪ Python ▪Java ▪React ▪Angular ▪ElasticSearch ▪NodeJS/Express ▪ Docker ▪ HTML/CSS ▪ PHP ▪JavaScript/ Typescript ▪ Laravel ▪ FastAPI/Flask ▪VueJs ▪Apache Nifi ▪Spring Boot ▪ MySQL/Postgres ▪Azure/GCP ▪C# ▪JQuery

**Clearance - TS**

**CAREER RELATED EXPERIENCE**

**Senior Staff Software Engineer** Maxar Technology, VA ▪05-2021–Present

* Lead product development and life cycle
* Managed Sprints, Standups, Sprint Retros, and other Scrum Master tasks with Jira
* Lead UI team to develop React/typescript SPA using Rechart for visuals and Redux/Thunk for store
* Developed and planned frontend architecture for multiple projects
* Utilized Cyprus for e2e testing, integrated with docker and react testing library for UI unit tests
* Lead backend team, designed the architecture for multiple Python APIs using Postgres, FastAPI and Docker utilizing alembic and sqlalchemy for data versioning
* Developed FastAPI boilerplate template for Xlab development
* Developed microservices in Python to interact with monolith legacy architecture

**Fullstack Software Engineer** Maxar Technology, VA ▪08-2020–05-2021

* Created and maintained REST APIs and ETL pipelines using JAVA, Python and NodeJs.
* Utilized python for AI modeling (PySpark) and scripting.
* Utilized Java and Apache Nifi for automated orchestrated ETLs.
* Leveraged Angular and React for building out frontend components.
* Heavily utilized Elastic search, MongoDb and Postgres database for data storage.
* Utilize Java Spring with Vertex concurrency for microservices and restful APIs to process big data
* Utilize Resium to display data on globe and map for use digest and analysis
* Used docker for local and production development

**Sr. Software Engineer/Project Manager** Innovative Refrigeration, Waynesboro, VA ▪01-2015–08-2020

**Project Manager/Tech Lead**:

* Led agile project development and managed team of engineers (5 members on team).
* Project lead on complex project with multiple 3rd party vendors and integration
* Led systems requirement and development of system architecture.
* Led meetings with stakeholders and carried out product development and road mapping.
* Mentored and trained engineers
* Led daily standup meetings, sprint planning, review and retrospective
* Met with corporate leadership to align software department goals with IT and corporate goals and assisted in setting the vision of the company

**Senior Software Engineer**:

* Created and maintained web apps and APIs utilizing the PHP frameworks of Laravel and Codeigniter.
* Implemented search engine optimization into web applications.
* Led integration with third party APIs and SOAP applications
* Utilized VueJs, React and angular for the frontend frameworks within applications.
* I developed multiple multi tenant SAAS web application/architecture and APIs which each receives 1,000 plus visitors a day and allowed for horizontal and vertical scaling

**Senior DevOps Engineer**:

* Expert in developing cloud solutions for compliance and safety teams.
* Migrated and centralized SaaS products from multiple non-elastic Rackspace servers into Azure
* Implemented cloud and DevOps solutions on Google Cloud Platform as well.
* Assisted IT with system administration duties including server backups, data migration and restoration.
* Wrote bash and python scripts to provide server and database image backups.
* Wrote bash scripts and utilize Bitbucket hooks to automate deployments

**Software Freelancer** Stuarts Draft, VA ▪ 2014–present

Independent contractor and freelancer, I have worked on open source projects. I have also developed SASS software for global companies in multiple countries utilizing various web frameworks from Laravel, VueJs, Flask and NodeJS.

**IT Technician** IT Center, Bridgewater College ▪ 2012-2015

Repair computers and provide customer service to clientele. Help students, staff, and professors resolve technical problems. Work in tech room to solve computer-related issues. Diagnose problems in the classroom quickly so that class can resume. Train new student employees. Troubleshoot emergencies. Configure Window and Linux servers, provisioning images and routine backups.

**Project Lead** BC Follow Me, Computer Science Department▪Fall 2014

Created an app for tracking user location and recording notes and observations when traversing terrain with no cell signal. Selected teams based on strengths: android, human relations, web development, and testing. Charged each team to develop one aspect of the application project. Learned patience, trust, deadline adherence, personnel management, and team motivation.

**Project Leader Intern** Comcast, Bridgewater College ▪ 2014-2015

Launched Xfinity on campus. Hired and managed five employees in advertising and market research. Developed market strategy using established student relationships and social media. 70% signed up for services. Learned the significance of research in understanding demographics in marketing a product.

**OTHER EXPERIENCE**

**Youth Minister** ST Paul’s UMC Staunton, VA ▪08-2019–Present

I am the Youth Minister/Directory at the church I go to in Staunton VA. I mange two other staff ministers who assist in the Ministry. I manage the program for grades 6-12. I love working as a Youth minster as I get to help the next generation grow Spiritually and assist with whatever life problems present themselves. I also lead the young adult group at my church as well. I also assist in any IT or web dev projects for the church