

Ryan Paulette

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Professional Summary

Full Stack Developer with a strong foundation in frontend and backend technologies, combining analytical thinking and problem-solving skills from previous roles in brewing operations and law enforcement. Just completed the University of Richmond's Full Stack Development program and am continuing to build full stack applications to expand knowledge on today's leading technologies.

Technical Skills

- **Frontend:** HTML, CSS, JavaScript, React, TypeScript
- **Backend:** Node, Express, GraphQL, Python
- **Databases:** PostgreSQL, MongoDB, Sequelize
- **Testing:** Cypress, Vitest
- **Tools:** Git, VS Code, Microsoft Office Suite
- **Additional:** Data Analysis, Process Automation, Quality Control

Projects

Player Companion App (Total Player Knowledge) | [Deployed Site](#) | [GitHub](#)

- Worked as part of a team to develop a full-stack D&D character management system
- Implemented comprehensive character creation and campaign management features with JWT authentication and type-safe database models
- GitHub repo can be made available upon request (actively being developed)
- **Technologies:** MongoDB, Express, React, Node, GraphQL, Apollo, JWT, Mongoose

Full Stack Trivia App (Questionable Intelligence) | [Deployed Site](#) | [GitHub](#)

- Built a full-stack trivia application, as part of a team of four, using React, Node, and PostgreSQL enabling users to test their knowledge
- Implemented secure user authentication system with JWT tokens and bcrypt password hashing
- Designed RESTful API endpoints for question generation and user progress tracking
- **Technologies:** React, Node, Express, PostgreSQL, Sequelize, JWT, TypeScript, CSS

Professional Experience

Full Stack Development Student | University of Richmond (2024)

- Developing full-stack web applications using PostgreSQL, Express, React, and Node.js (PERN) as well as MongoDB (MERN)

- Collaborating with peers on group projects using Git for version control
- Building RESTful APIs and implementing database solutions

Brewer | Stone Brewing (2023 - 2024) | Hardywood Park Craft Brewery (2021 - 2023)

- Implemented and maintained quality control processes through data collection and analysis
- Managed complex filtering operations requiring precise technical measurements
- Coordinated with Quality Control Lab and Packaging Teams to ensure product specification compliance across 20+ beer varieties
- Utilized brewing software (BeerSmith) to develop and optimize beer recipes
- Managed inventory tracking and production scheduling through Ekos system

Command Center Analyst | CarMax (2019 - 2021)

- Monitored and analyzed security systems data across multiple locations
- Collaborated with law enforcement agencies to prevent auto theft
- Conducted systematic audits of security systems and protocols
- Authored detailed incident reports and security assessments

Police Supervisor (Corporal) | Capital Region Airport Commission (2010 - 2019)

- Led and supervised teams of officers, providing training and performance evaluations
- Managed security systems and access control using DVTEL CCTV software
- Collaborated with FBI, DHS, State, and local agencies on critical infrastructure security
- Served as Police Academy Instructor and Field Training Officer
- Investigated complex cases requiring detailed documentation and analysis

Education

- **Full Stack Development Certificate**
University of Richmond
- **MA Public Administration**, Criminal Justice Administration
Columbia Southern University
- **BS Criminal Justice**, Forensics and Crime Scene Investigation
Virginia Commonwealth University
 - Minor in Homeland Security and Emergency Preparedness

Core Competencies

Leadership & Management	Technical & Analytical	Professional Skills
<ul style="list-style-type: none">● Team Training & Development● Crisis Management● Performance Evaluation	<ul style="list-style-type: none">● Problem Solving● Quality Control● Incident Analysis & Reporting	<ul style="list-style-type: none">● Cross-functional Collaboration● Public Speaking● Adaptability