

Ryan Paulette

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Professional Summary

Full Stack Developer in training with a unique background in brewing operations and law enforcement. Bringing strong analytical thinking, problem-solving abilities, leadership experience, and team collaboration skills developed through managing complex brewing processes and security operations. Currently enrolled in University of Richmond's Full Stack Development Bootcamp, actively building web applications using modern technologies including React, Node.js, and PostgreSQL.

Technical Skills

- **Frontend:** HTML, CSS, JavaScript, React.js, TypeScript
- **Backend:** Node.js, Express.js
- **Databases:** PostgreSQL, MongoDB
- **Tools:** Git, VS Code, Microsoft Office Suite
- **Additional:** Data Analysis, Process Automation, Quality Control

Projects

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.js, 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
- Created responsive UI with dynamic question rendering and real-time score updates
- **Technologies:** React, Node.js, Express.js, PostgreSQL, Sequelize, JWT, TypeScript, CSS

Employee Management System | [Live Demo](#) | [GitHub](#)

- Developed a command-line interface for real-time employee tracking and management
- Designed PostgreSQL database schema supporting efficient employee data organization
- Implemented interactive CLI menu system using Inquirer for CRUD operations

- Created formatted data visualization using cli-table3 for improved readability
- **Technologies:** PostgreSQL, Express, TypeScript, Node.js, Inquirer

Weather Dashboard App (Backend) | [Deployed Site](#) | [GitHub](#)

- Engineered REST API endpoints to integrate OpenWeather API data for current conditions and 5-day forecasts
- Implemented CRUD operations for managing user search history
- Developed robust error handling and API response validation
- Optimized API calls to minimize latency and improve user experience
- **Technologies:** Express.js, Node.js, TypeScript, RESTful APIs

Professional Experience

Full Stack Development Student | University of Richmond (2024 - Present)

- 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)

- 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
- Served as primary filter operator, working closely with the Production team to ensure consistent product quality

Brewer | Hardywood Park Craft Brewery (2021 - 2023)

- Utilized brewing software (BeerSmith) to develop and optimize beer recipes
- Managed inventory tracking and production scheduling through Ekos system
- Operated technical equipment including centrifuges and testing devices
- Maintained detailed documentation of brewing processes and quality control measures

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** (*Expected Jan 2025*)
University of Richmond
- **Beer Brewer Professional 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

Professional Development & Certifications

- Field Training Officer Certification
- General Instructor Certification
- Public Safety Leadership Academy
- Crisis Intervention Training
- First Line Supervisor Certification
- Community Emergency Response Team
- Cicerone Certification

Core Competencies

Leadership & Management

- Team Training & Development
- Process Implementation
- Crisis Management
- Performance Evaluation

Technical & Analytical

- Problem Solving
- System Analysis

- Quality Control
- Incident Analysis & Reporting

Professional Skills

- Cross-functional Collaboration
- Public Speaking
- Project Management
- Adaptability