Ryan J. Rugh

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Technical Skills

- Python
- C#
- Java
- HTML/CSS
- PHP

- React / JavaScript / TypeScript
- Node.js / Express
- REST API / SOAP

- SQL / NoSQL
- Linux / Windows
- Git
- Selenium

- Docker
- AWS
- Serverless Framework (IaC)

Education

Tech Elevator, .NET Cohort[2] – Pittsburgh, PA   April 2019
- A demand-driven, 14 week bootcamp program teaching dynamic, database-backed coding for applications on .NET platforms

University of Pittsburgh – Pittsburgh, PA   April 2016
Bachelor of Arts in Administration of Justice
- Minor in Social Work, Certificate in Russian and Eastern European Studies
- GPA: 3.90/4.00, Summa Cum Laude (Graduated in top 2%)
- Foreign Language and Area Studies Award Recipient and Chancellor's Evening Scholarship Recipient

Professional Experience

DoublePositive – Baltimore, MD   Jan. 2021 – Present
Software Engineer
- Utilized React.js to build a Self Service Portal, streamlining various tasks such as purchasing Twilio numbers and managing campaign lists for team members
- Restored and revamped Docker setup for the Self Service Portal, ensuring optimal performance and functionality
- Enhanced the TSR Recording process within the Self Service Portal by fully automating it, enabling employees to purchase numbers and create recordings seamlessly without having to navigate multiple applications
- Established a high-performance Dev environment for the Ringless Voicemail service using the Serverless Framework
- Automated the deployment process by migrating the existing production environment for the Ringless Voicemail service to the Serverless Framework
- Orchestrated the management of the Ringless Voicemail service by leveraging AWS Lambdas
- Troubleshot various issues with the legacy code in the dialer system, implementing solutions to improve system stability and reliability
- Improved the Caller ID selection algorithm in MySQL by optimizing its ability to handle identical numbers assigned to multiple pools within the dialer system

PNC Bank – Pittsburgh, PA   May 2019 – Jan. 2021
Software Developer
- Developed and implemented an automation script in Java and Selenium to perform daily health-checks on critical payment systems, ensuring their uninterrupted availability and minimizing downtime
- Engineered an automation tool using Java and Selenium that generated transactions and optimized processing time, achieving a reduction from 5 minutes to 40-60 seconds per transaction, resulting in significant cost savings and increased efficiency
- Designed and executed functional API testing using the Karate framework, ensuring the accuracy and reliability of critical business processes
- Led the development and integration of mock responses into the Real Time Payment team's automation suite using Java, Selenium, and XML message structures following the ISO 20022 standard

involveMINT – Pittsburgh, PA   May 2019 – Aug. 2019
Software Developer Intern

- Contributed to a team of interns in a fast-paced startup environment, enhancing project outcomes through collaborative efforts
- Contributed to the design and restructuring of the Admin feature routes, utilizing an in-depth knowledge of user experience and system architecture to enhance functionality and user satisfaction
- Demonstrated proficiency in Ubuntu Linux, providing an efficient and productive environment for project development