

Darrien Johnson

Hanover, MD | (410)-240-9022 | Darrien.rjohnson@gmail.com

Results-driven software engineer with expertise in designing, developing, and deploying Java and Python-based microservices, cloud infrastructure, and data-driven applications. Proficient in Spring Boot, REST API development, and database performance optimization. Skilled in working with large-scale data processing, ETL pipelines, and cloud-based data storage solutions using AWS, Databricks, and Apache Spark. Experienced in optimizing data workflows, ensuring high availability, and implementing monitoring solutions with Grafana and CloudWatch. Passionate about building scalable, high-performance applications that effectively process and analyze data while adhering to best practices in software engineering.

Skills

- Programming: Java, Python, SQL, JavaScript
 - Frameworks & Development: Spring Boot, Angular, React, REST APIs
 - Cloud & Infrastructure: AWS (S3, RDS, SQS, Lambda, CloudWatch, EKS, Step Function), Terraform, Docker, Kubernetes
 - Databases: MySQL, PostgreSQL, Redis
 - Automation & CI/CD: Git, Concourse CI, Terraform, Power Platform
 - Monitoring & Logging: Grafana, CloudWatch, ElasticSearch, Blackbird
 - Security & Authentication: SSO, IAM, OAuth
 - Development Methodologies: Agile, Scrum, Test-Driven Development (TDD)
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Professional Experiences

Software Engineer | Comcast

Washington, DC | 09/2022 – Present

- Develop and maintain RESTful microservices using Java (Spring Boot) and Python, applying modular programming principles and design patterns for scalable and maintainable code, supporting personalized content discovery for millions of users.
- Build and optimize backend services, integrating with relational (PostgreSQL, MySQL) and NoSQL databases to handle high-volume transactions.
- Deploy new features and bug fixes to production environments across multiple AWS regions, ensuring seamless rollouts and minimal downtime.
- Analyze and optimize Kubernetes environments, debug pod failures, and enhance microservice performance in AWS EKS.
- Develop ETL pipelines using Databricks, Apache Spark, and AWS services to efficiently process millions of daily data events.
- Schedule and orchestrate data workflows using Databricks Job Scheduler and AWS Step Functions for efficient pipeline automation.
- Implement CI/CD pipelines using Concourse CI/CD and Terraform, automating deployments and infrastructure provisioning across AWS services.
- Analyzed large-scale operational data from AWS CloudWatch logs, ELK Stack, and Grafana, identifying trends and optimizing system performance. Built dashboards for monitoring and reporting on key infrastructure metrics.
- Apply test-driven development (TDD) principles and implement security best practices in software development.
- Collaborate with cross-functional Agile teams in sprint planning, backlog grooming, and continuous delivery workflows.

Software Engineering Apprentice | Comcast

Washington, DC | 06/2022 – 09/2022

- Developed and maintained web applications using Angular and Java.
- Designed and optimized ETL pipelines for cloud-based data transformation and storage.
- Assisted in debugging and troubleshooting backend issues using AWS CloudWatch logs and ELK Stack.
- Created technical documentation for microservice deployment processes, data pipeline components, and monitoring tools.
- Supported testing and deployment of production and staging applications, ensuring high reliability and minimal downtime.
- Actively participated in Agile Scrum meetings, sprint retrospectives, and backlog grooming sessions.

Web Developer | MenoSon Technologies

Hanover, MD / 11/2021 – 05/2022

- Developed and optimized responsive websites for Maryland Realtors, enhancing usability and increasing client engagement.
- Built and deployed Power Apps solutions integrated with Dataverse and Power Automate, automating workflows and reducing manual processes by 10%.
- Designed and implemented interactive, user-friendly web applications using modern JavaScript frameworks, improving front-end performance and responsiveness.
- Proposed and developed new features, resulting in improved software functionality and higher user retention.

Telecommunications Service Technician | Comcast

Baltimore, MD / 09/2016 – 06/2022

- Installed, maintained, and serviced network devices, including computing hardware and security systems.
- Diagnosed and resolved technical issues related to internet, voice, and video services.
- Created technical reports on system performance, troubleshooting procedures, and resolution outcomes.
- Educated customers on cybersecurity best practices and system maintenance.

Education and Certifications

LaunchCode Web Developer Bootcamp – 06/2022 – 09/2022

Focused on HTML, CSS, JavaScript, Angular, Java, and Spring.

Team Treehouse Web Development Bootcamp – 12/2021 – 02/2022

Covered HTML, CSS, JavaScript, and responsive web design.

Towson University – Attended until 05/2016

Certifications:

- AWS Certified Solutions Architect – Associate (*In Progress*)
- Security+ (*In Progress*)