Ryan Stoughton

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EXPERIENCE

Drive Social Media — *Senior Software Engineer (Full Stack Web Developer)*   JAN 2025 - JUN 2025, STL

- **Mentored and guided a team of engineers** in full-stack development–encouraging best practices, engagement in code reviews, and thoughtful implementation–to consistently deliver robust, production-grade features on time and elevate overall engineering capability.
- **Designed and developed data pipelines** using DBT and Postgres, automating model transformations, enforcing testing, and accelerating data delivery.
- **Coached developers on task scoping** to create clear and actionable stories—improving clarity of outcomes, increasing team velocity, and establishing foundations for future feature development.

Atlas Digital Group — *Senior Software Engineer (Full Stack Web Developer - Contract)*   JAN 2024 - JAN 2025, STL

- **Re-architected data pipelines** using Python, Dagster, and BigQuery, cutting ETL processing time in half while improving scalability and reliability for warehouse reporting.
- **Built configurable e-commerce integrations** with Vue, Express, and Postgres, streamlining client buyflows and dashboard reporting for multiple fiber retailers.
- **Elevated development practices** by collaborating with product and tech leads, refining coding standards, introducing CI/CD, and improving product evolution.

Drive Social Media — *Senior Software Engineer (Full Stack Web Developer)*   MAY 2021 - JAN 2024, STL

- **Delivered KPI analytics dashboards** in React, NestJS, and Postgres, empowering marketing teams with real-time insights and improving our client's business decisions.
- **Built robust AdTech connectors** for Facebook and Google Ads APIs, providing clients with reliable, actionable data pipelines.
- **Managed cloud infrastructure as code** via AWS CDK and GitLab CI, automating deployments, improving infra reliability, and accelerating release cycles.
- **Implemented microservices using Kafka**, enhancing system resilience and decoupling, enabling BI-ready pipelines for cross-system reporting.

KNOWiNK — *Software Engineer (Full Stack Web Developer)*   MAY 2020 - MAY 2021, STL

- **Developed multi-tenant election software** using Angular, Node.js, and MongoDB, scaling to manage millions of voter records during peak cycles.
- **Engineered fault-tolerant API transactions** in Node.js, ensuring stability and traceability for critical election processes.
- **Executed data migration** from MongoDB to PostgreSQL—rewrote models, patched legacy data, and enhanced schema performance—improving scalability, empowering feature implementation, and improving data accuracy.
- **Guided app redesign efforts** by providing architectural guidance and oversight in framework and backend decisions.

The Boeing Company — *Programmer Analyst (Full Stack Web Developer)*   MAY 2018 - MAY 2020, STL

- **Automated DevOps onboarding** with Angular, Spring Boot, and SQL Server, cutting setup time from weeks to minutes for thousands of projects.
- **Built reactive (and non-reactive) API services** using Spring WebFlux and Spring MVC, streamlining operations and ensuring higher fault tolerance.
- **Implemented task orchestration with Netflix Conductor** reducing service complexity and improving code reusability.
- **Led shared API development** to support enterprise DevOps tooling, improving automation capability across software products.
- **Managed CI/CD pipelines and deployments** on GitLab and Pivotal Cloud Foundry, ensuring fast, reliable delivery of cloud-native apps.

PROJECTS & AWARDS

Keep Me Safe — *Web Application, Amazon Alexa Skill, Finalist (2 Awards)*   ARCHHACKS 2018

Keep Me Safe assists users struggling with depression and anxiety through voice-activated assistance. Built using Python, Flask, PostgreSQL, Chart.js, and Amazon's Alexa. Winner of Best Data Visualization and Best Hack Addressing Mental Health.

EDUCATION & SKILLS

Missouri University of Science and Technology — *B.S. In Computer Science*   AUG 2014 - DEC 2018, ROLLA

LANGUAGES
JavaScript, TypeScript, Python, Java, SQL, HTML, CSS

FRAMEWORKS
NestJS, Spring Boot, Node.js, React, Angular, Tailwind, Terraform, AWS CDK

TOOLS
Git, Gitlab CI/CD, Github Actions, AWS, Docker, DBT, Kafka, PostgreSQL, BigQuery, MongoDB, Heroku, Pivotal Cloud Foundry