Ryan Smith

Asheville, NC | (407) 782 - 6825 | ryanthesmith@gmail.com | [LinkedIn] | [Portfolio]

Full Stack Software Engineer | Solution Engineer | Professional Services Specialist | Educator

Dynamic engineer with expertise across SaaS, e-commerce, data security, and ed-tech. Proven ability to design, build, and deliver scalable applications and integrations with a product-centric, customer-driven mindset. Skilled in full-stack development, technical leadership, and cross-functional collaboration with both internal and client engineering, product, and executive teams.

PROFESSIONAL EXPERIENCE

Freelance Developer & Consultant | Remote | Jul 2022–Sept 2023, Feb 2024–Present
Clients: Accounting tech startup, environmental nonprofit, ag-tech firm, et al
- Built a rapid application development framework integrating database/API design, drag-and-drop frontend builder, and AI-powered automation (AWS Serverless ecosystem, PostgreSQL, OpenAI, Docker, Pulumi, open source providers)
- Developed and launched a multilingual, e-commerce enabled site for an environmental nonprofit in Ecuador (CMS & plugin ecosystem)
- Consulted ag-tech founders on ERP, CRM, IAM best practices and solutions; advised GTM strategy

Housing.Cloud | Remote | SaaS platform for university housing management, B2B
Solution Engineer | Oct 2023–Jan 2024
- Led ETL processes for 60% of new client data migrations (Node.js, PostgreSQL, Prisma) on several environments
- Integrated SSO / SAML 2.0 authentication in collaboration with university IT teams
- Conducted discovery sessions with administrators to gather and implement custom data/product requirements

Formative (Acquired by Newsela) | Remote | Ed-tech, SaaS, B2B/B2C
Senior Full Stack Engineer | Jan 2022–June 2022
- Automated ingestion of thousands of 3rd party assessment items via ETL pipelines (Node.js, MongoDB, XML)
- Designed and built auto-grading algorithms and interfaces (React, GraphQL), greatly reducing workloads for educators

Professional Career Break (Apr 2021 – Dec 2021): Took a professional career break and used this time to move from CA to NC (including a 2-month cross-country road trip) and explore opportunities

LeapYear Technologies (Acquired by Snowflake) | Berkeley, CA | Data Privacy, SaaS, B2B
Software Engineer | Jan 2020–Mar 2021
- Built & enhanced core administrative dashboard (React, Apollo) for managing data sources, user directories, and access levels
- Consolidated microservices into a unified, scalable API (NestJS, GraphQL) to streamline platform integrations
- Maintained robust unit and integration test coverage; upheld rigorous code quality standards within an extensive CI/CD pipeline

Symphony Commerce (spun-off into Deliverr, a Flexport co.) | San Francisco, CA | E-commerce, SaaS, B2B
Team Lead, Professional Services | Jul 2018–Mar 2019
Senior Professional Services Engineer | Dec 2015–Jul 2018
- Led a global remote team; drove CI/CD practices, automated testing, and agile workflow & methodologies
- Architected serverless integrations (AWS Lambda, DynamoDB, API Gateway) for real-time order, inventory, and fulfillment workflows, with a front-end configuration dashboard used by several internal teams
- Developed an internal NPM library (FTP/SFTP + OpenPGP encryption) reducing file transfer code by 90%+ in mission-critical applications & integrations (warehouses, ERP, et al) and multiplying developer productivity
- Built a modular monitoring/alerting library (Graylog, SignalFX, AWS CloudWatch) with 100% test coverage
- Created an SDK for site-front analytics, integrations, and UX features, significantly speeding up feature delivery and streamlining developer workflows
- Collaborated with PepsiCo's senior IT to integrate CRM systems using secure OAuth APIs and Heroku infrastructure
- Created EDI integrations for Jack Link's orders and fulfillment, working with client's IT & operations teams

Learnable Prep | Orlando, FL
Founder & Instructor | 2010–2015

Total Literacy Academy | Bangkok, Thailand
Lead English Teacher | 2008–2010

CORE SKILLS

Languages & Frameworks: JavaScript, TypeScript, Node.js, React, NestJS, GraphQL, HTML, CSS, Git
APIs & Architecture: REST, GraphQL, Service-oriented Architecture, OAuth 2.0, JWT Authentication
Data & Storage: PostgreSQL, MySQL, MongoDB, TypeORM, PrismaORM
Cloud & Ops: AWS (Serverless ecosystem, VPC), Docker, CircleCI, CI/CD, Automated Testing, Logging & Monitoring
Collaboration: Technical Leadership, Agile Methodologies, Cross-functional Communication, Client-facing Communication (IT & Engineering, Product, Marketing, C-level)

EDUCATION & CERTIFICATES

Product Manager Certification — Product School
Advanced Software Engineering Immersive — Hack Reactor
B.S. Biology, Minor in Business (*magna cum laude*) — University of Florida