Ryan Smith

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Full Stack Software Engineer | Technical Consultant | Solution Engineer | Educator

Dynamic engineer with 8+ years of experience across SaaS, e-commerce, data privacy, and ed-tech. Proven success building and delivering scalable applications, internal tools, and client-facing integrations. Adept at collaborating with clients (multinational brands, universities, et al), product teams, and leadership to solve technical and business challenges. Skilled in full stack development, API design, cloud architecture, and cross-functional collaboration.

PROFESSIONAL EXPERIENCE

Independent Consultant & Freelance Engineer | Remote   2024–Present
- Configured an application development framework including a database/API designer, drag-and-drop UI builder, and AI-powered workflow configuration tool for an early-stage accounting startup (AWS, OpenAI, PostgreSQL, Pulumi IaC)
- Developed a multilingual, e-commerce enabled site for an Ecuadorian organization, increasing member engagement and simplifying staff publishing workflows via CMS
- Advised founders of a $6M seed-funded ag-tech company on ERP, CRM, and IAM best practices to enable a GTM strategy

Housing.Cloud | Remote | SaaS, Higher Ed, Seed-funded startup
Solution Engineer   2023 - 2024
- Led ETL processes for 60%+ of new client data migrations (Node.js, PostgreSQL, Prisma) on several environments, leading to reliable data imports, QA, and deployments
- Integrated SSO / SAML 2.0 in collaboration with partner universities' IT teams, streamlining user access and compliance
- Led product discovery sessions with university administrators to align product features with campus needs
- Initiated customer service platform (Zendesk w/ Slack integration) leading to universal adoption by new clients

Formative (Acquired by Newsela) | Remote | Ed-tech, SaaS, B2B, B2C
Senior Full Stack Engineer   2022
- Automated large-scale ingestion of 3rd party educational content (Node.js, MongoDB, XML), enabling faster content expansion and reducing manual workload for educators and ops teams
- Developed auto-grading algorithms and interfaces (React, GraphQL), improving educator efficiency and learning outcomes

LeapYear Technologies (Acquired by Snowflake) | Berkeley, CA | Data Privacy, SaaS, B2B
Software Engineer   2019 - 2021
- Built admin dashboards governing data sources, user directories, and access levels for fin-tech clients
- Consolidated scattered microservices into a unified, scalable API (NestJS, GraphQL, Apollo Server/Client), improving maintainability and performance
- Maintained high reliability with rigorous automated testing (unit & integration) and CI/CD pipelines in a regulated environment

Symphony Commerce | San Francisco, CA | E-commerce, SaaS, B2B
Team Lead, Professional Services   2018 - 2019
Senior Professional Services Engineer   2015 - 2018
- Led a global remote team, drove CI/CD best practices & agile workflows, and acted as primary technical liaison to clients
- Created and maintained custom CRM & EDI integrations for PepsiCo & Jack Link's, partnering directly with senior IT/ops
- Engineered serverless fulfillment pipelines (AWS Lambda, DynamoDB), scaling to thousands of daily retail orders
- Created a reusable, encrypted file transfer library (FTP/SFTP, OpenPGP), reducing file transfer code by up to 90% in mission-critical applications & integrations and multiplying developer productivity
- Created an SDK for company-wide site-front analytics, integrations, and UX features, significantly speeding up feature delivery and streamlining developer workflows
- Built a modular monitoring/alerting library (Graylog, SignalFX, AWS CloudWatch) with 100% test coverage

Learnable Prep | Orlando, FL
Founder, Curriculum Designer, Instructor   2010–2015
- Designed and taught Math & English test prep programs leading to measurable gains for hundreds of students

Total Literacy Academy | Bangkok, Thailand
Lead English Teacher, Teacher Trainer   2008–2010
- Led English instruction for secondary school students as well as business English for Thai professionals; mentored new teachers and led a multicultural team of academic professionals

CORE SKILLS

- **Languages & Frameworks**: JavaScript, TypeScript, Node.js, React, NestJS, HTML, CSS
- **APIs & Architecture**: REST, GraphQL, Service-oriented Architecture, OAuth 2.0
- **Data & Storage**: PostgreSQL, MySQL, MongoDB, TypeORM, PrismaORM
- **Cloud & DevOps**: Git, AWS (Serverless, VPC), Docker, 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