

Dylan Brunning

Full Stack Developer

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Objective Seeking opportunities to develop full-stack software architecture, demonstrating leadership abilities and technical management skills with a team-first mentality.

Skills **Languages:** SQL, Python, TypeScript, SCSS/HTML, Java, C++, PHP
Frameworks and Libraries: React, Next, Express, Webpack, Framer-Motion, Django/REST, Twilio, Celery/Dramatiq, Allauth, HTMX, Bootstrap, Tailwind
Tools: Git, CI/CD w/ Github Actions, Nginx, Traefik, Linux, MacOS, Postgres, MySQL, MongoDB, Docker, AWS ECS, EC2, S3, Asana, Jira, Agile, Scrum

Experience **Director of Operations & Education** September 2019
Real Programming 4 Kids - December 2023

- Developed a proprietary CMS with Python and Django to handle business and classroom management needs, including scheduling and automated messaging with Redis & Celery, Twilio, and PostgreSQL.
- Integrated multiple MySQL and Microsoft Access Databases into a separate PostgreSQL database for use as an API endpoint behind Django CMS.
- Deployed multiple microservices with containers using Docker across servers on platforms such as DigitalOcean Droplets and Amazon EC2 & ECS.
- Trained and managed over 100 Programming Instructors across 8 physical locations from 2019-2020 and remote positions post March 2020.
- Converted in-person learning service to online education service delivering multiple new courses teaching programming, integrating Canvas LMS with Zoom and 3rd Party Apps for video recordings and remote resources.

Senior Programming Instructor & Sales Representative August 2018 -
Real Programming 4 Kids August 2019

- Led sales operations during the day and traveled to various locations to manage programming instructors as a supervisor in the evenings, training and substituting for instructors, as well as dealing with clients in-person.
- Designed classroom resources including multiple programming courses, programming instruction for at-home learning, and preparing training regimes for instructors. Moved instructor resources from Sync to Git. Maintained on-site equipment and office server.
- Built a JavaScript mass email templating application utilizing Gmass resulting in significant customer retention, allowing sales agents to send personalized emails in bulk, relying on data from a MySQL database.

Education **Wilfrid Laurier University** Graduated
Honors Bachelor of Science June 2018
Concentration: Computer Science