Daniel Lomelino

Indianapolis, Indiana | dlomelino@pm.me

Aviron Software   Remote   January 2024 - June 2024
Senior Consultant
- Worked on client projects as needed using JavaScript (React, Node), AWS (Amplify, Serverless), GitHub actions, and 3rd-party API integrations
- Built the beginnings of a full-stack time tracking and invoicing web app with a JavaScript (React) front-end using Material UI, a FastAPI (Python) back-end, and a Postgres database, all containerized with Docker.

Relevize   Remote   September 2022 - January 2024
Principal Software Engineer
- Worked on a team of 7 full-stack engineers in a remote, fast-paced startup environment using Python (Flask), PostgreSQL (SQLAlchemy), and Vue 3 (w/ Pinia, Vuetify) to create and maintain an ad campaign builder and deployer, lead activation pipeline, and CRM integration, reporting, and admin tools
- Responsible for the engineering project management lifecycle. I refined business requirements to ensure their quality, collaborated on design decisions, and helped break down problems into workable tasks.

Kenzie Academy   Indianapolis , Indiana   February 2020 - September 2022
Senior Instructor of Software Engineering
- Instruct students on the foundations of the Python programming language and coding best practices
- Lead the instruction team and manage the classroom to maintain a steady pace and student satisfaction
- Maintain curriculum to ensure quality, up-to-date materials from which to teach

Crossroads Education   Indianapolis , Indiana   March 2018 - January 2020
Senior Software Engineer
- Rebuilt JavaScript front- and back-end collaborative learning platform using Node.js, Express, Vue.js, web sockets, and the HTML canvas
- Maintained existing front- and back-end applications using Node.js, Express, React, JavaScript, web sockets
- Configured servers in an AWS environment involving a load balancer, EC2 instances, nginx, and docker
- Mentored a small team of interns during the development of a financial app using Node.js, Express, Vue.js, MongoDB
- Helped Innovate ways for students to learn by collaborating with one another

Project Lead The Way   Indianapolis , Indiana   October 2013 - October 2017
Application Developer
- Functioned as lead developer, supporting a nationwide network of teachers, students and administrative personnel in the field of STEM education
- Heavy use of PHP 5 in a customized Drupal 7 implementation, created custom modules and schemas, along with implementing common 3rd party and core modules, used Python and Django for data analysis and reporting
- Ported existing applications to Node.js, React, Express, GraphQL, Sequelize
- Critical to the success of integrating Salesforce into an existing infrastructure and keeping data synchronized across multiple systems
- Created APIs in both PHP and Python, using various frameworks such as Flask and Slim
- Subject matter expert on business data, schemas and integrations with third-party systems
- Communicated with third-party vendors along with both remote and on-site employees to gather requirements and design and test applications
- Coordinated code deployments in an AWS environment
- Adhered to strict routines that come with the territory of working in the field of education, such as yearly rollovers, assessment cycles and test score delivery
- Adhered to strict organizational standards and regulations for data security and information privacy
- Worked on a team using agile-based principles and software
- Everyday technologies included JavaScript, Node.js, React, Express, Sequelize, PHP 5, Python 2.x, Drupal 7, Django, MySQL, PostgreSQL, GraphQL, Linux, Salesforce, Auth0, Canvas LMS, Heroku, AWS, Git, GitLab, Jira, Apache

Renaissance Systems and Services Indianapolis , Indiana   2010 - 2013
Web Developer
- ●   Created and maintained applications and websites for dental claims processing and eligibility using PHP, Visual Basic 6/.NET, C#.NET integrated with MySQL and MSSQL databases
- ●   Handled and processed EDI data, adhering to strict standards

MultiNational Underwriters Indianapolis , Indiana   2005 - 2009
System Analyst
- ●   Created online insurance quoting systems and performed network and server administration tasks
- ●   Worked with PHP, ASP, HTML, CSS and JavaScript integrated with MySQL, MSSQL and IBM DB2 databases
- ●   Administered Windows, Linux, UNIX and AS/400 servers and maintained MySQL, MSSQL and DB2 databases, backups, and VOIP
- ●   Implemented and maintained PCI compliance in all applications
- ●   Created and maintained commission reports for accounting

Buztronics Indianapolis , Indiana   2003 - 2005
Network Administrator
- ●   Originally hired to convert all Windows servers to Linux in limited time
- ●   Administered network of over 200 users and helped end-users daily
- ●   Maintained a variety of Linux and Windows servers along with MSSQL and MySQL databases
- ●   Created corporate websites with PHP, ASP, CSS, HTML and JavaScript and set up and maintained various CMSs
- ●   One of two people involved in relocating the entire business into a new, larger building, wiring the entire place, and setting up the servers, network, phone system and workstations from scratch

Ryder Plainfield , Indiana   2002 - 2003
IT Technician
- ●   Responsible for helping users in an IT support capacity in a warehouse environment
- ●   Repaired and configured RF devices used to communicate with a central database on an AS/400 system
- ●   Maintained over 50 printers and fixed general computer problems

Netfor Carmel , Indiana   2001 - 2002
Computer Programmer
- ●   Hired on a contract basis to build an application with Visual Basic that allowed remote clients to check the status of and update all essential third party programs

EDUCATION
American School Lansing, Illinois   High School diploma   2000

CERTIFICATIONS
Harvard CS50x   2020
Plant-Based Nutrition Certificate   2019   eCornell and T. Colin Campbell Center for Nutrition Studies
Scuola Leonardo Da Vinci - Italian Language   2008   Italian Language   Florence, Italy

SKILLS
- ●   **Currently:** Python, JavaScript, FastAPI, Flask, Node.js, Express, Vue.js, PostgreSQL, Sequelize, Linux, Git, Agile
- ●   **Once upon a time:** x86 & 6502 Assembly, C, Objective C, VB 6/.NET, PHP, Django

LANGUAGES
    English, Italian

References are available upon request.