

Derek F. DiLeo

Software Engineer

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SUMMARY

Coming from a career in entertainment, marketing, and social media, I found myself constantly pulled toward the technical aspects of those fields—which ultimately led to the decision to pursue life as a programmer. As a passionate problem-solver, my love of puzzles and aptitude for design are maximized through application development. What I lack in industry experience, I make up for with a strong work ethic and an insatiable hunger for knowledge.

EDUCATION

B.A.S. Computer Engineering & Software Development 01 / 2021 – 08 / 2022

A.S. Audio Engineering, A.S. Sound Production 01 / 2015 – 12 / 2020

Valencia College – Orlando, FL

- 3.92 GPA & Numerous Academic Scholarships
- National Society of Collegiate Scholars (NSCS) Member

EMPLOYMENT

City of Orlando - Youth Homelessness Project 04 / 2022 – Present

Team Lead + Developer

Tech Stack: Java, Spring Boot MVC, Spring Security, JPA/Hibernate, Thymeleaf, MySQL, Amazon RDS, GitHub, Slack

Role: Gather requirements from city officials and relay to team. Created a UML diagram of project entities for relational database and implement using Spring Data JPA, Lombok and Hibernate ORM. Created REST endpoints using MVC design pattern with a Java back end and a front end which uses Thymeleaf templates, jQuery, DataTables and Bootstrap 4.

Rx Delivered Now 03 / 2022 – Present

Quality Assurance Manager

Tech Stack: Flutter / Dart, Google Firebase, Google Analytics, Jira, Confluence

Role: Work closely with our CEO, development team, and product developers to ensure a consistent, quality user experience on our mobile and web platforms. Spearheaded an initiative to increase agility by implementing Google Tag Manager for site analytics collection, remarketing, and conversion tracking. Routinely tested mobile and web apps and relayed identified issues to our development team with actionable resolutions via Jira .

Valencia College – School of Arts & Ent., Orlando, FL 09 / 2015 – 08 / 2021

Network Admin + Helpdesk (Officially: Instructional Lab Assistant)

Tech Stack: Apple Remote Desktop, VirtualBox, Docker, Dante Domain Manager, Apple Automator, various DAWs

Role: Managed a team of lab assistants in on-campus recording studios. Performed day-to-day administration and maintenance on mission-critical systems including Mac/PC/Linux, Cisco PoE Switches, professional audio and IHSE KVM hardware and software. Assembled the largest educational RedNet network in North America by incorporating proprietary software to create and manage virtual audio subnet environments with a Linux VM and a Dockerized NTP server. Authored documentation for system configuration and troubleshooting to increase help desk knowledge base.

SKILLS

Agile TDD w. Java Enterprise/J2EE + JUnit5, Spring Boot REST MVC with Thymeleaf, Postman REST testing, jQuery, JavaFX, Multi-Platform App Dev w. Dart & Flutter, DevOps, CI/CD Pipelines, Jenkins, Docker, Microservices, Hibernate ORM, JPA/JPQL, MySQL, SQL Server, PostgreSQL, Git VCS, Apache Tomcat, C, C++, JavaScript, Node.js, React18, Bootstrap5, CSS3, HTML5, Jira, Confluence, MATLAB, GNU Octave, NI Multisim, PSpice, and Arduino

PROJECTS

Please view the pinned projects listed on my [GitHub page](#).