Derek F. DiLeo   **Software Engineer**

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in derek-dileo ⬡ derekdotdev

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 for an application that allows students to anonymously take a survey and, based on their responses, returns helpful need-based resources which are managed by city employees. Survey data are then used to visualize the problem of youth homelessness in the Orlando area. 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, JavaScript, Node.js, React18, Bootstrap5, CSS3, HTML5, Jira, Confluence, and Arduino

INTERESTS

Mobile app development, learning new technologies, fitness, woodworking, surfing, and my Frenchie