DARIUS TAYLOR

PROGRAMMER

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Profile

Dynamic and motivated Software Development Engineer (SDE) with a strong commitment to driving innovation and delivering high-quality solutions. Seeking to leverage expertise in software development and test automation to contribute effectively to the innovative projects, where I can thrive in a fast-paced, collaborative environment.

Skills

- Experience in high-level programming languages such as C++, Java (framework: Spring, Spring Boot), and Python
- Experience with web development technologies including HTML5, CSS, JavaScript, and ReactJS
- Familiarity with cloud platforms like Azure and containerization tools such as Docker and Kubernetes
- Strong understanding of software development best practices and Agile methodologies such as CI/CD, Applicant Resiliency, and Security
- Excellent problem-solving skills and ability to troubleshoot and resolve issues efficiently
- Effective communication and collaboration skills, both verbal and written
- Detail-oriented mindset with a focus on delivering high-quality, scalable solutions
- Ability to work under general direction and consistently deliver on commitments

Technical Skills

Programming Languages: Python, Java, Swift, Kotlin, Spring
Web Technologies: HTML, CSS, JavaScript, Angular, React
Version Control: Git, GitHub
Database Management: SQL, MySQL, PostgreSQL
Operating Systems: Windows, MacOS, Linux
Tool: VS Code, IntelliJ, XCode, Android Studio
Basic Knowledge Of: C#, C, C++, PHP, Ruby

Projects

Student Term Tracker

Android Mobile Application developed using IntelliJ IDEA in Java.
- Students are allowed to add, update, and delete Terms, courses associated with those terms, and assessments associated with those courses.
- Utilizes the SQLite Room Database for data storage
- Incorporates the use of Activities, Dialogue fragments, notifications and alerts, copious layouts and containers, and intents.
- Students can use this application in Portrait and landscape layout
- Incorporates Software Engineering principles like Encapsulation and Abstraction.

Appointment Scheduler

Created an Appointment Scheduler from scratch with Java utilizing Javafx and SceneBuilder.
- CRUD capabilities that allow users to add, modify, and delete customer records and schedule, update, and delete appointments using a user interface.
- Application data stored using a MySQL database.
- Features Exception handling, Reports, validation features, user-friendly GUI, and search functionality.
- Application utilizes a login form for security and authentication.
- Incorporates Inheritance, Encapsulation, Dependency and Polymorphism.

Spring Social Media Blog API

API backend developed using Spring and Spring Boot
- Utilizes Spring MVC architecture
- CRUD enabled with the ability to manage user accounts and messages and submit to the application.
- Spring Data dependency using REST API and HTTP requests to manipulate data with a database.

Education

BACHELOR OF SCIENCE, SOFTWARE DEVELOPMENT
Western Governors University | May 2022 – February 2024

- Designed and built creative landing pages using HTML, CSS, and JavaScript, ensuring responsiveness and user engagement.
- Coursework and virtual experience with Networking, Virtualization, Linux, Distributed Systems/System Development, and TCP/IP.
- Identified and resolved browser and desktop/mobile compatibility issues to enhance user experience.
- Optimized web pages for maximum speed and scalability, implementing SEO best practices for improved search engine visibility.
- Graduate February 2024
- 3.0 GPA

CERTIFICATE OF SOFTWARE DEVELOPMENT
California Institute of Arts and Technology | March 2021 – November 2021

- Graduated with a 3.93 GPA
- Honors and Deans list notoriety
- Experience from coursework of modern languages like C, C++, Python, HTML, CSS, and PHP

Experience

Java Developer Intern
Revature, Remote | December 2024 – February 2025

- Wrote secure and high-quality code using Java
- Designed, developed, coded, and troubleshoot with consideration of upstream and downstream systems and technical implications
- Applied knowledge of tools within the Software Development Life Cycle toolchain to improve the value realized by automation
- Developed backend APIs utilizing Spring Data and Spring JPA
- Designed and implemented reusable code and libraries to streamline future development

Technical Support
Gin Design Group | July 2024 – Present

- Provide ongoing technical support and training to staff, ensuring effective use of technology and minimizing downtime.
- Conduct regular system audits and optimizations to enhance performance and reliability of IT systems.
- Develop and deliver training sessions on new technologies and tools to improve team competency and efficiency.
- Provide User Access Control utilizing Active Directory and group policies.

Mail Carrier
United States Postal Service, Houston, TX | September 2016 -- Present

- Provided attention to detail to provide appropriate routing of all mail and parcel to its designated place (to home or from home to post office).
- Taken initiative to personally handle any customer service requests for connection and efficiency.
- Daily problem solving in a timely manner to pertain logistics to customers.
- Prioritized confidential and vital personal documentation midst various climate conditions.
- Tended under hazardous conditions to guarantee customer satisfaction.
- Displayed trust to work efficiently without supervision.