

WILLIAM TRING

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ORACLE®

Certified Associate

Java SE 8 Programmer

OBJECTIVE

A passionate and reliable software engineer, possessing a strong foundation in object-oriented programming, design and analysis of algorithms, and applied mathematics, offering 2 years of experience in full stack development, database management, and test automation.

Interested in a **Software Engineer** position that will allow me to utilize my programming and analytical skills to design innovative software solutions for remarkable and impactful projects.

TECHNICAL SKILLS

Programming Languages – Fluent in Java, Python, SQL, TypeScript, JavaScript, HTML/CSS, C++/C#, Shell Script

Application Development Technologies – Experienced with Java full stack development. React, Angular, Spring, Hibernate, JDBC, Maven, REST, Axios, Jenkins, GitLab CI, Docker, Servlets, AWS – (RDS, S3, EC2), Node.js/npm, HP ALM, Git, Linux, Agile

Automated Testing – JUnit5, Pytest, Jest, Cucumber, Selenium, Postman, Test Driven Development

EDUCATION

Florida Atlantic University

Boca Raton, FL

Class of 2018

∞ Bachelor of Science in **Computer Science**

∞ Programming Coursework: Design and Analysis of Algorithms, Artificial Intelligence, Python Programming, Formal Language and Automata Theory, Computational Math with Python, Database Structures, Cutting Edge Web Technologies, Matrix Theory

EMPLOYMENT

Infosys

Los Angeles, CA

Associate Software Engineer

August 2019 – Present

- Developed full stack web applications using React TypeScript, Java, and PostgreSQL.
- Built DevOps CI/CD pipeline with Docker, GitLab-CI, GitLab container registry, and AWS EC2 Linux.
- Engineered multiple APIs using REST for data transfer between applications.
- Designed UMLs for database and wireframes for UI based on project requirements.
- Provided user requirements analysis, design, and testing support for enhancement of internal applications.
- Create and execute SQL queries in Oracle database to efficiently process and extract large amounts of data easily consisting of over 5 million records by reducing query execution time by up to 50%.
- Wrote Python scripts to parse data and automate data validation resulting in many hours saved as opposed to manual analysis.
- Operated in Scrum team environment with daily standups, 2 weeks sprints, and sprint retros.

Revature

Morgantown, WV

Associate Software Engineer

March 2019 – August 2019

- Developed robust applications by integrating front-end technologies HTML, CSS, Bootstrap, Angular TS, and AJAX, as well as, implementing server-side technologies Java, JDBC, Hibernate, Servlets, Oracle SQL, and Spring.
- Designed extensive testing encompassing all features of the application with JUnit5.
- Collaborated within team environments through Agile software development practices.
- Constructed build automation pipelines with Jenkins for DevOps continuous integration.
- Incorporated cloud computing software such as RDS (database), EC2 (cloud server), and S3 (host web application) from Amazon Web Services.

Portfolio: <https://willtring96.github.io/>

LinkedIn: <https://www.linkedin.com/in/wtring/>