

Rachid Raphael Sassine

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EXPERIENCE

HCL Technologies - Horsham, PA

July 2022 - Present

Junior Software Developer

- Built a REST API that served data to an AngularJS front-end based on user-input, which handled over 1,000 users
- Led the migration of On-Premise Oracle database to Cloud using Amazon Relational Database Service
- Automated database job queue using AWS Lambda Scheduler increasing efficiency by 55%
- Planned and implemented AWS Cloud Cost Savings Plan to reduce cloud costs by \$25,000
- Improved database performance by optimizing MySQL queries, decreasing query response time by 9%
- Debugged and resolved technical issues at Tier-2 level, reducing escalations by 60%
- Implemented logging services to track dependencies, failures, and application availability using Azure Monitor increasing infrastructure efficiency by 10%
- Developed reports for the analysis of clinical metadata with Tibco Spotfire, MySQL, and Python, reducing data curation time by 40 minutes
- Collaborated with product teams in an agile scrum environment, contributing to continuous improvement and deployment(CI/CD)

PROJECTS

Grade Manager

- Developed a web-based application for a student/faculty population of 8,000 to post grades, retrieve transcripts, using PHP and MySQL
- Created entity-relationships to simulate a course registration system, including faculty and student operations

TTRPG Map Maker

- Developed a tile-based map design desktop application to improve efficiency for table-top role play game players, using Java & JavaFX

La Gallerie

- Developed an ecommerce web store for aspiring artists to sell art, using BootstrapCSS, HTML, Node.js, and MySQL

EDUCATION

Adelphi University, College of Arts and Sciences, Garden City, NY

May 2022

Bachelor of Science in Computer Science

Cumulative GPA : 3.42 | Honors : Dean's List (Spring 2020, Fall 2020, Fall 2021, Spring 2022)

Relative Coursework : Web Programming, Software Engineering, Algorithms & Complexity, Database Management Systems, Data Structures & Algorithms, Computer Networks

SKILLS/TECHNOLOGIES

- Java, Springboot, Python, Javascript, AngularJS, NodeJS, MySQL, SPARQL, Amazon Web Services, Microsoft Azure