

DANIEL RIVAS

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PROFILE

Software Engineering student with training in databases, web development, object-oriented programming, business modeling, software architecture, and software quality. I am disciplined, results-oriented, and have a strong interest in data engineering. My goal is to apply my technical knowledge to design and optimize solutions that create value for organizations.

EXPERIENCE

Development of E-commerce Web Store "Petal's Art"	mar. 2025 - jun. 2025
<ul style="list-style-type: none">Developed and integrated the backend using JSP and MySQL.Implemented user session management and authentication.Ensured data integrity and transaction handling.	
University Library Database System	jul. 2023 - dec. 2023
<ul style="list-style-type: none">Designed and implemented a relational database from scratch to modernize library management.Implemented validations for critical fields (ISBN, phone numbers, etc.).Performed data migration and schema adjustments according to new requirements.	
Software Quality Analysis and ISO 25010 Evaluation – Campus Connect	mar. 2025 - jun. 2025
<ul style="list-style-type: none">Evaluated requirements and functionalities according to ISO/IEC 25010 standards.Designed and executed test cases to validate key features of the Campus Connect platform.Calculated quality metrics and documented findings to drive improvements in product and process.	

EDUCATION

Universidad Tecnológica de Panamá	2022 - Present
Software Engineering	
International Christian Academy	2018 - 2021
High School Diploma in Science with Emphasis in Computer Science	

COMPETENCIES

<ul style="list-style-type: none">SQLMySQLRelational database modelingQuery normalization and optimizationPHPPython	<ul style="list-style-type: none">JavaJavaScriptHTML5, CSS3Database integration in web applicationsMicrosoft OfficeGit, GitHub
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PERSONAL STRENGTHS

<ul style="list-style-type: none">Languages: Spanish (native), English (EF SET C2)Discipline and ConsistencyResults-oriented	<ul style="list-style-type: none">Continuous learning abilityTeamwork and communicationAnalytical thinking
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