

JAVIER PÉREZ ARROYO

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PROFESSIONAL PROFILE

Advanced Software Engineering student with over 3 years of experience building robust and scalable full stack web applications. Proficient in modern technologies such as Angular (standalone components), Spring Boot, SQL Server, and advanced relational database design. Proven experience implementing secure REST APIs with JWT authentication, clean architectures, and iterative deployments under Agile methodologies (Scrum). Results-oriented and committed to development best practices.

TECHNICAL SKILLS

Languages/Frameworks: Angular, TypeScript, Java, Spring Boot, SQL, Tailwind CSS, Angular Material

Databases: SQL Server, MySQL; normalization, stored procedures, triggers, query optimization

Methodologies/Tools: Scrum, Git, GitHub, modular design, functional testing, technical documentation

PROFESSIONAL EXPERIENCE

Full Stack Developer – Academic and Personal Projects

May 2021 – Present

CENFOTEC & Independent Projects

- Designed complete web applications with Angular (standalone components) and Spring Boot microservices connected to SQL Server/MySQL.
- Implemented secure REST APIs with JWT authentication, validations, pagination, and structured error handling.
- Modeled normalized databases with stored procedures and triggers to automate business rules.
- Built responsive interfaces with Angular Material, Bootstrap, and Tailwind CSS applying UX/UI guidelines.
- Coordinated Scrum sprints: planning, weekly reviews, version control in GitHub.

FEATURED PROJECTS

- **Enterprise component suite:** Reusable DataGrids, dynamic forms, toolbars, and approval workflows.

- **Academic management portal:** Responsive dashboard with reports, user management, and JWT authentication.

- **Technical documentation:** Complete deliverables of analysis, design, testing, and deployment plans for each project.

EDUCATION

Bachelor's Degree in Software Development Engineering

Sept. 2023 – Present

CENFOTEC University, San José, Costa Rica

Associate Degree in Software Development

Mar. 2021 – May 2023

CENFOTEC University, San José, Costa Rica

High School Diploma

2020

Academia BRECA, Cartago, Costa Rica

REFERENCES

Andres Castro Núñez

Software Engineer, Microsoft

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Mary Paz Araya Morales

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