DAVID BECERRA

SOFTWARE ENGINEER

PERSONAL PROFILE

Software Engineering student with a strong interest in Back-end development, eager to continuously expand technical skills and contribute to impactful projects. Open to working across different domains to gain diverse experience and deliver high-quality solutions.

TECHNICAL SKILLS

- Built and documented RESTful APIs with Node.js, PHP, and Swagger.
- Designed databases and queries with MySQL.
- Usage, configuration and maintenance of Linux systems (Arch, Ubuntu, Fedora).
- Project collaboration using Git and GitHub for version control and teamwork.

SOFT SKILLS

- Communicate clearly, listen actively, and collaborate effectively across teams.
- Self-driven and disciplined.
- Adapt quickly to new challenges by focusing on clearly defined goals.
- Approach problems analytically, driven by deep curiosity.

WORK EXPERIENCE

WEB DEVELOPER INTERN – BACKEND

Universidad de Colima, EDUC Department | 2024

- Database design and maintenance, following established requirements.
- API creation and documentation using Swagger, and integration with the platform's existing infrastructure.
- Constant collaboration between Back-end and Front-end teams.

PROJECTS

COLLABTALES – ONLINE COLLABORATIVE WRITING TOOL
Collaborative storytelling web app built with Vue 3, TypeScript, PHP, and MySQL. Implemented database, APIs, JWT authentication, multilingual support and rich-text editing. Strengthened skills in backend development, API design, and secure authentication.
Link to website: collabtales.avaldez0.com

MY CURRICULUM VITAE: AN INTERACTIVE 3D WEBSITE
Personal curriculum website with a fully interactive 3D scene, built with Three.js and Vue 3. Implemented graphics programming concepts and event-driven interactions.
Link to website: curriculum-vitae-chi-plum.vercel.app

NAND2TETRIS – CHESS GAME
Chess game simulation implemented with low-level programming and assembly. Developed for better understanding of fundamental concepts such as: CPUs, VMs, compilers, OS, and graphics libraries. Strengthened skills in computer architecture, low-level programming, and systems design.
Link to Github repo: github.com/jd-becerra/nand2tetris-Chess

CONTACT

Github:
github.com/jd-becerra
LinkedIn:
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E-mail:
jbecerraofficial@gmail.com
Interactive website:
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EDUCATION AND CERTIFICATIONS

UNIVERSIDAD DE COLIMA
Bachelor of Software Engineering, 2022-present

ITESO, UNIVERSIDAD JESUITA DE GUADALAJARA
Exchange program during 7th semester, 2025

CISCO – NDG LINUX ESSENTIALS

CCNAV7: INTRODUCTION TO NETWORKS

TOEFL ITP – C1 LEVEL

LANGUAGES

- English (Certified TOEFL ITP, with C1 level)
- Spanish (native)
- Chinese (limited HSK 4 level)