

Jonathan García

FULL STACK DEVELOPER

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With over 2 years of experience as a Full Stack Developer, I excel in creating efficient and secure web applications using technologies such as JavaScript and Node.js. My proficiency extends to database management with MySQL, MongoDB, and Redis. My true passion lies in algorithm analysis, honed through participation in competitive programming competitions. I am dedicated to staying current with industry trends and look forward to applying my skills and problem-solving mindset to innovative projects that require an analytical approach.

WORK EXPERIENCE

Algorithm analysis academic assistant | ESPOL

May. 2022 - Aug. 2023

- Designed and delivered algorithm analysis classes, supporting students with exercises and questions
- Demonstrated problem-solving skills and assisted in algorithm implementation
- Mentored students in algorithm analysis techniques and optimization strategies
- Provided guidance in algorithmic problem-solving competitions

Software Development Intern | Dátil

Feb. 2022 - May. 2022

- Contributed to the development of new electronic billing features and addressed reported issues
- Implemented solutions using Clojure programming language
- Assisted in maintaining and upgrading existing applications
- Collaborated with the team to deliver software currently in production

Backend Developer | Shippify

Sep. 2022 - Jan. 2023

- Developed efficient and scalable server-side applications using JavaScript, Node.js, and React
- Designed and implemented features to meet customer needs and business objectives
- Conducted thorough testing and debugging to ensure high-quality software
- Deployed applications to production systems and provided ongoing user support

EDUCATION

Computer Science Engineering | ESPOL

May. 2019 - Present

- Developed a strong understanding of computer science concepts and their practical applications
- Applied various programming languages to create software applications
- Designed and implemented efficient algorithms to solve complex problems
- Analyzed algorithms for time and space complexity to optimize performance
- Explored topics in Machine Learning, Artificial Intelligence, and Data Science
- Gained hands-on experience with databases and network technologies

SKILLS

- Programming Languages: Java, JavaScript, Python, Clojure, C#
- Backend Technologies: Express, MySQL, MongoDB, Redis, Node.js, FastAPI
- Algorithm Analysis: Time Complexity, Space Complexity, Optimization
- Machine Learning: Regression, Classification, Clustering, Neural Networks
- Data Science: Data Analysis, Data Visualization
- Frontend Technologies: HTML, CSS, React, FastAPI
- Version Control: GIT
- Design: Photoshop

ADDITIONAL INTERESTS

TAWS Club | ESPOL

Sep. 2021 - Present

- Active participation in web and mobile development, as well as data science events and workshops
- Mentored applicants
- Currently a member of the talks and workshops committee

IEEE Xtreme 17.0

Oct. 2023

- IEEE Xtreme 17.0 Winners
- Competitive Programming Excellence
- Efficient Algorithms under Constraints
- Strong Teamwork

Devsu Hackaton

Aug. 2021

- Finalist from Ecuador
- Emphasized creating algorithms to solve complex problems
- Highlighted the importance of time complexity and efficient algorithm implementation

HOBBIES

- Reading: I enjoy exploring various genres of literature, expanding my knowledge.
- Videogames: I find joy in playing video games, appreciating their storytelling, problem-solving challenges, and engaging with virtual worlds.
- Music: I have a deep appreciation for music and enjoy listening to various genres.
- Anime: I am an avid fan of anime, appreciating its unique storytelling and art style.