Héctor Jose Guzmán Montaño

BACKEND| CLOUD ARCHITECT SPECIALIST | ROBOTICS ENTHUSIAST

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Bogotá, Colombia

Professional Summary

Innovative and results-driven Software Engineer with a strong foundation in backend development, cloud architecture, and robotics. Experienced in managing cross-functional teams, implementing scalable solutions, and leveraging technology to drive business outcomes. Passionate about advancing technology in IoT, AI, and automation, with proven leadership in competitive robotics and entrepreneurial ventures.

English B2/C1 | java | Bash | C | C++ | GitHub | Docker | Google cloud platform | Digital Ocean | AWS

Work Experience

COO and Co-Founder – Webelopers (Own Business)

August 2023 – Present

- Strategic Leadership: Established and executed long-term business strategies focused on digital transformation and client-centric solutions.
- Project Oversight: Designed and delivered custom software solutions leveraging cloud technologies and agile methodologies to drive efficiency and scalability.
- Team Development: Built and managed a high-performing team, fostering innovation and collaboration across projects.

President – IEEE Robotics and Automation Society (RAS)

December 2023 – Present

- Community Engagement: Spearheaded initiatives to enhance knowledge-sharing and collaboration among students and professionals in robotics and automation.
- Program Development: Organized workshops, competitions, and seminars to inspire innovation and practical application of robotics principles.
- Leadership and Mentorship: Guided members in research and project development, empowering them to excel in robotics competitions and academic pursuits.

Monitor and Workshop Leader – Universidad de La Sabana

January 2023 – January 2024

- Conduct hands-on sessions, empowering students with technical knowledge.
- Provide guidance to foster academic success.

Participant – RoboCup 2024 (Eindhoven, Netherlands)

July 2024

- Represented the Universidad de La Sabana, leading the team to semifinals.
- Designed and implemented advanced robotics solutions for competition.

Academic History

Bachelor's Degree in Computer Engineering

Universidad de La Sabana, 2022 – Present

GPA: 4.2 / 5.0

Awards and Certification

AWS Cloud Solutions Architect Specialization - December 2024

Amazon Web Services (AWS)

Administración de sistemas y servicios de infraestructura de TI

Google

Back-End Development Specialization - February 2024

IBM