

Jorge Armando Gómez Aca

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Full stack developer with ten years turning emerging technology into working products, from Unreal Engine experiences to web platforms. Today I build geospatial data pipelines, knowledge graphs and real-time 3D digital twins with React, NestJS, Neo4j and NVIDIA Omniverse.

PROFESSIONAL EXPERIENCE

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| HAUZ.ai
Full Stack Developer | Florida, USA
2025 – present |
| <ul style="list-style-type: none">Built maps, geospatial data pipelines and a Neo4j knowledge graph for AI chat on the HAUZ real-estate and Clairvant data-center platforms, plus a WebGPU 3D house viewer. Developed NVIDIA Omniverse digital twins and Unreal Engine scenes for the Coatzacoalcos data centers. | |
| The Line Production Lab
Software Developer | Ciudad de México
2021 – 2025 |
| <ul style="list-style-type: none">Applied emerging technologies to automate internal production workflows and evaluated open-source tools for brand-activation projects. | |
| Freelance Developer
Virtual Environment Programmer | México
2018 – 2023 |
| <ul style="list-style-type: none">Delivered industrial software and virtual environments end to end, from requirements to deployment, adapting emerging technology to each client's needs. | |
| TROOPSMX
Software Developer | Puebla, Pue
2018 – 2021 |
| <ul style="list-style-type: none">Built brand-activation experiences with emerging technology, from client requirements and cost estimates to delivery.Developed full-stack web apps for event registration, live streaming and microsites with the design team. | |
| Ideography
Interactive architectural visualization programmer | Puebla, Pue
2016 – 2018 |
| <ul style="list-style-type: none">Integrated VR, AR, mobile and IoT into interactive architectural visualizations, managing projects from requirements and cost estimates to delivery. | |

EDUCATION

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| Benemérita Universidad Autónoma de Puebla
Engineering in Computer Science | 2011 – 2017 |
| Benemérita Universidad Autónoma de Puebla
Bachelor in Smart City Management | 2019 – present |

SKILLS

- TypeScript, JavaScript, Python, C++, SQL · React, Node.js (NestJS), MapLibre, Three.js
- MongoDB, Neo4j, PostgreSQL/PostGIS · Unreal Engine, NVIDIA Omniverse, Cesium, WebXR · Docker, Linux, Git
- Spanish (native), English (B1)