

Jacob Montenegro

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Software Developer

Experienced software developer skilled in designing and implementing robust software solutions. Proficient in various programming languages and frameworks, with a focus on creating efficient and scalable applications. Known for delivering high-quality code and innovative solutions that meet project requirements and exceed client expectations.

Key Skills

- TypeScript
- Java
- Spring Boot.
- Angular (13-16)
- React
- Next.js
- Python
- C/C++
- Git
- CSS
- Agile
- User Interface (UI)
- XML
- GitHub
- Python
- PostgreSQL
- Spring Boot
- REST
- APIs
- Web services
- Spring
- CI/CD
- JavaScript
- Debugging
- Full-stack development
- HTML5
- RESTful API
- Back-end development
- Angular
- Front-end development
- Software development
- Node.js
- Web accessibility
- Web development
- SQL
- Linux
- Unit Testing
- Microsoft SQL Server

Experience

General Motors, Austin, Texas

July 2021 – February 2024

Software Developer

- Conducted in-depth research and developed solutions for a synthetic image generation team.
- Produced lifelike data to enhance AI computer vision models.
- Researched, designed, and implemented diagnostic solutions for vehicle defects.
- Leveraged a Spring Boot backend to create RESTful APIs.
- Developed a dynamic Angular (TypeScript) frontend for user interaction.
- Utilized PostgreSQL databases for data storage and retrieval.

Leadership

Manufacturing Leadership Awards

2023

General Motors

- Manufacturing in 2030 Award Winners.
- Enterprise Integration and Technology.

Education

Bachelor of Science in Computer Science with a Minor in Mathematics

The University of Texas at El Paso (UTEP)