

Marcus Panozzo

500 Center Ave Apt 123 Westwood NJ 07675
(201)-675-4523 | marcuspanozzo@gmail.com

EDUCATION

Rensselaer Polytechnic Institute <i>Bachelor of Science in Computer Science</i>	Troy, NY May 2021
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WORK & LEADERSHIP EXPERIENCE

Vantage Medtech (formerly Sterling Medical Devices) <i>Software Engineer Contractor</i>	Moonachie, NJ September 2025 - Present
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Vantage Medtech (formerly Sterling Medical Devices) <i>Software Engineer II</i>	Moonachie, NJ August 2021 – August 2025
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- Worked in an Agile Development team to create an Android tablet application (using React Native / Typescript). Application communicated with medical devices via BLE and other radio protocols in a complex workflow. Implemented this while working with a UI design team in Figma and the hardware / firmware team. Actively presented the application in multiple live demos to the client.
- Continued development of a legacy full stack project (WPF, .NET C#, Entity Framework / MySQL) which coordinated laboratory machines in a complex asynchronous workflow. Created formerly missing documentation to aid in design decisions and future development. Trusted to perform live debugging with sensitive devices in the client's laboratory without direct supervision. Performed these tasks as a solo developer.
- Built and maintained full stack applications (Angular, .NET using ABP framework), Entity Framework, MySQL) in a micro-service, domain-driven design with layered architecture. Built RESTful APIs and generated OpenAPI specifications using Swagger.
- Conducted design reviews. Consulted to document project architectures for multiple projects (C4/ UML)
- Personally requested as an emergency contributor (during project critical pre-demo phase) to overhaul a React application's entire styling and resolve implementation issues, including special components designed in Figma using complex CSS/SASS.

United States Geological Survey (USGS) <i>Student Contractor, Computer Science</i>	Troy, NY September 2019 – January 2020
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- Co-led a hydrography related automation project written in Python and using GIS libraries. Streamlined a complex site numbering system to improve efficiency.

Rensselaer Polytechnic Institute <i>Computer Science I Mentor</i>	Troy, NY September 2018 – December 2018
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BMW Group of North America <i>IT Intern</i>	Woodcliff Lake, NJ September 2016 – June 2017
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- Reverse engineered a business intelligence workflow (which used IBM Cognos) and created missing documentation. Worked with VB.NET code and SQL for the data processing / retrieval workflow.

SKILLS

Programming Languages: TypeScript, C++, Java, C#, HTML / CSS, Python, SQL, JavaScript, VB.NET, Swift, LabVIEW. **Programs / Technologies / Skills:** React, React Native, .NET, Angular, Agile Development, Domain Driven Design, Microservices, Full Stack, Asynchronous Programming, REST API, Swagger, C4 Diagrams, UML, Git, Figma, AWS, Blender, OpenGL, MySQL, Microsoft SQL Server, Jira, Polarion, Android Studio, Xcode, Visual Studio, Eclipse, Docker, IIS Manager, Entity Framework, Painting (Acrylic, Oil), Music (Piano, Vocals, Percussion)