

# MARK SIANIPAR

Aurora, Colorado

Phone: (720)862-4457 | Email: [MarkSianipar@Gmail.com](mailto:MarkSianipar@Gmail.com)

LinkedIn: <https://www.linkedin.com/in/mark-sianipar-00b276191/>

GitHub: <https://github.com/MarkSian> | Portfolio: <https://aboutmarksian.netlify.app/>

## SUMMARY

As a software developer, I specialize in delivering full-stack solutions that combine intuitive design, business process expertise, and high performance. With a strong STEM background, I approach challenges with logical and programmatic thinking. My research and technical experience enable me to empathize with customer needs, plan for costs and scalability, and adapt to evolving markets and technologies. Having worked in both startups and a Fortune 500 laboratory, I have learned the value of clear communication, collaboration, and mentorship.

## TECHNICAL SKILLS

**Back-End Development:** Express, Node.js, Python, PostgreSQL, NoSQL, MongoDB, GraphQL

**Front-End Development:** ReactJS, JavaScript, Bootstrap, HTML, CSS, TailwindCSS

**Miscellaneous Technical Skills:** TypeScript, Prompt Engineering

**Biochemistry:** ELISA, TLC, Protein/Lipid Prep and Extraction, Data Analysis, Nanodrop, Gel Electrophoresis

**Healthcare:** Specimen Handling, Quality Control, Instrument Maintenance, Data Entry, GCP

**Microbiology:** Endotoxin Testing, Sterility, Growth Promotion, Environmental Monitoring, Air/Surface Sampling

**Durable Skills:** Clear and Effective Communication, Teamwork, Mentorship

## PROJECTS

**Roster Radar** | **Link to GitHub** | <https://roster-x.lpg.onrender.com/login>

- Select NBA players and create your own team!
- *Contributions:* Planning, Wireframing, Frontend Development, some CRUD contributions
- *Tools / languages used:* React, Typescript, Bootstrap CSS, Postgresql, Express, and Node

**AniVault** | **Link to GitHub** | <https://anivault.onrender.com>

- Bored? Follow the link, click on a mood you're feeling, and go through anime recommendations and fill some time.
- *Contributions:* Planning, Wireframing, Frontend Development, Styling, Version Control, and Deployment
- *Tools / languages used:* React, Typescript, Tailwind CSS, DaisyUI, MongoDB, Express, and Node

## EXPERIENCE

### Software Developer

August, 2024 – Present

### Denver University Coding Bootcamp

Aurora, CO

A 6-month intensive bootcamp covering full stack technologies, Agile methodologies, Scrum, and other web development principles.

- *Completed 2 Full Stack Projects: PERN and MERN*
- *Consistent lead in planning/wireframing, delegating tasks, deployments, and presentation.*

### Lab Technician (Contract)

February, 2024 – August, 2024

**AOA DX**

Denver, CO

*A 7-month contract for a Biotech startup, tasked with researching early detection platforms to fight against women's cancer.*

- *Successfully completed AOA DX's first mass cohort test, serving as a stress test and reinforcing critical concepts related to our early detection platforms.*
- *Developed official SOPs to standardize sample preparation and ELISA platform.*

**Hematology Lab Technician (non-MLT Certified)**

May 2021 – June, 2023

**Laboratory Corporation of America (LabCorp)**

Englewood, CO

*Tasked with completing diagnostic analysis on ~2,000 samples for CBC, Coagulation, Erythrocyte Sedimentation, and Hemepath Reviews. Results are needed within 12 hours of delivery.*

- *Implemented new practices to improve result turnaround time and ensure client satisfaction.*
- *Promoted at 3 months to Lab Technician.*
- *Trained 10 new hires and multiple interns on laboratory SOPs.*

**Microbiology Technician**

April 2020 – April, 2021

**Infinity Laboratories**

Castle Rock, CO

*Assist with ensuring client pharmaceuticals and medical devices are FDA compliant. Tasked with manufacturing in house reagents and testing the sterility of client products to ensure they are patient ready.*

- *Conducted Environmental Monitoring (EMs) for contracted laboratories, utilizing aseptic techniques and analyzing microbial growth post-incubation.*
- *Promoted at 3 months from Lab Assistant to Microbiology Technician.*

**EDUCATION*****Full Stack Web Development Boot Camp Certificate (Aug 2025): University of Denver, Denver, CO***

*A 6-month intensive program focused on gaining technical programming skills in HTML5, CSS3, JavaScript, Typescript, Bootstrap, Node.js, PostgreSQL, MongoDB, Express, Tailwind CSS, GraphQL & Apollo, and ReactJS.*

***A Bachelor's (BS) in Biochemistry (May 2019): Colorado State University, Fort Collins, CO***