MATTHEOS DRIVAS

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SUMMARY

Software engineer and current M.S. in Computer Science student building scalable systems across healthtech, AI, and consumer applications. Experience developing FDA-cleared patient monitoring tools at Commure, architecting AI-integrated platforms, and leading cross-disciplinary teams on accessible hardware projects. Combines technical depth in Python, Next.js, GCP, and Kubernetes with a global perspective shaped by fluency in multiple languages and a passion for cross-cultural innovation. Operated with high autonomy at Commure, delivering production-grade tools in fast-paced environments. Excited to ship fast, iterate often, and build user-first products that bridge real-world needs with modern infrastructure.

TECHNICAL SKILLS

- **Skills & Frameworks:** Python, Next.js, Typescript, Javascript, Flask, React, SQL
- **Software & Infra:** REST APIs, GCP, CI/CD, Kubernetes, Postgres, Git/Github, Docker, HIPAA compliance
- **Hardware:** Prototyping, Arduino, 3D Printing
- **Languages:** English, Greek, Spanish, Cantonese, Portuguese, Mandarin (A2)

WORK EXPERIENCE

Software Engineer Intern – Class II FDA-Approved Medical Device
May 2024 – Present | Commure (Series F, backed by General Catalyst)
Full Stack & Infrastructure Engineering

- Led full-stack Stripe integration with third-party APIs, ensuring accurate payments and automated order processing.
- Developed HIPPA-compliant backend services that streamline delivery of lab results and clinical data to providers at over 40 clinical sites, leveraging APIs and custom-built tools for efficiency.
- Restored CircleCI pipeline functionality for a key repo and configured Kubernetes secrets, Docker builds, and GCP Cloud Run deployments to support reliable releases.
- Initiated a backend requirements tracking system to improve engineering transparency and feature alignment with product stakeholders.

Platform Development & Device Engineering

- Validated and tested an FDA-approved blood-monitoring device, supporting ISO 13485 compliance and ensuring safe deployment to 3,000+ patients.
- Created secure, tokenized onboarding flows bridging Flask APIs with React-based UIs, improving Remote Therapy Monitoring (RTM) sign-up completion rates.
- Contributed across full-stack microservices in a healthcare platform, implementing robust API integrations and maintaining data pipelines.

ENTREPRENEURIAL & TECHNICAL LEADERSHIP

Technical Lead
February 2025 – Present | The Provider's Coach Project (Healthcare Nonprofit)

- Contracted to develop a full-stack platform (Next.js, TypeScript, Tailwind) for HIPAA-compliant and no-cost physician coaching platform for over 20 healthcare providers.
- Implemented Calendly integration for seamless appointment scheduling, responsive design, and SEO optimization.
- Led platform deployment and CI/CD pipeline setup, collaborating with clinical and board stakeholders to support fundraising goals..

Founder & Technical Lead
June 2024 – Present | Speakeasy

- Architected and developed a modern language learning platform using Next.js 14, tRPC, and serverless PostgreSQL.
- Implemented secure user authentication and session management using NextAuth.js with Google OAuth 2.0.
- Created a spaced repetition learning system with progress tracking, mastery levels, and daily streaks to enhance user engagement and learning retention.

VOLUNTEER EXPERIENCE

Founder & Technical Lead
March 2020 - September 2020 | Volunteer

- Designed, manufactured, and distributed 900+ units of medical PPE including face shields, intubation boxes, and face mask clips to frontline healthcare workers in California, New York, and Washington State.
- Raised $3,000 on GoFundMe to support production and distribution costs.

EDUCATION

Chapman University | May 2026
M.S. in Electrical Engineering & Computer Science

Chapman University | May 2025
B.S. in Computer Science

Don Quijote | June 2023
Madrid Campus, B2 Certification