

GEORGIOS KATSIKIS

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FULL-STACK DEVELOPER | SCALABLE & SECURE WEB APPLICATIONS

Analytical problem-solver and adaptable team player with background in mental health; driven to create solutions that support health, wellness, and user engagement while ensuring data security and seamless system integrations.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, TypeScript, Go (Golang)

Frameworks & Libraries: Django, Flask, React.js

Databases: PostgreSQL, Redis

Cloud & DevOps: AWS (EC2, RDS, S3), CI/CD, GitHub Actions, Vagrant, Ansible, Docker

APIs & Integration: RESTful APIs, XML

Security & Tools: Hashicorp Vault, JWT, Role-Based Access Control (RBAC)

Methodologies: Agile, Kanban, Unit Testing, MVC Architecture

Additional Skills: Project Management, Communication, Adaptability, Critical Thinking, Attention to Detail, Leadership

PROFESSIONAL EXPERIENCE

FULL-STACK DEVELOPER | INDEMAND

Remote | September 2022 – Present

- Optimize backend performance and facilitate scalability for high-traffic media applications by developing RESTful APIs in Python/Django, integrating metadata transformation and video transcoding systems.
- Increase system efficiency by optimizing PostgreSQL and Redis database schemas, decreasing query execution times by 35% and improving application performance.
- Enhance application security by integrating Hashicorp Vault for secrets management and working with cross-functional teams to develop private networking among applications.
- Improve search functionality by engineering responsive user interfaces in React.js and TypeScript, enabling seamless data retrieval with XML-based queries to Vidispine service.
- Strengthen development processes by leveraging Agile methodologies (Kanban) to enable effective cross-functional collaboration across engineering teams.

FULL-STACK DEVELOPER (Contract) | Maple Cleaners

Westport, CT | May 2022 – September 2022

- Designed and developed responsive React-Flask application with full CRUD functionality to augment operational efficiency for business processes.
- Secured user authentication with JWT, ensuring customer and administrative access was properly segmented for data protection and security compliance.
- Facilitated business growth by conducting direct client consultations to identify core functionality needs and adjusting development timelines and features accordingly.
- Elevated user experience by improving navigation and accessibility for non-technical users through React-based front-end development.

TECHNICAL ASSISTANT (Contract) | Bridgeport Film Fest

Remote | June 2022 – July 2022

- Supported digital operations and streamlined execution of online events by troubleshooting website functionality and platform stability.
- Enhanced content accessibility by assisting in platform updates using HTML and problem-solving strategies to optimize user interactions.

PROJECTS

Mindful Companion App | 2025 – Present

- Built mental health journaling application integrating AI-powered empathetic responses and therapeutic resource recommendations, combining clinical social work background with full-stack development expertise.
- Developed full-stack architecture using Django REST Framework backend and React TypeScript frontend, implementing secure user authentication and RESTful APIs for journal entry management.
- Automated deployment pipeline with GitHub Actions CI/CD and deployed to AWS (EC2, RDS, S3), demonstrating cloud computing and DevOps proficiency.

Marketing Metrics Dashboard | 2023 – 2024

- Built scalable marketing analytics platform for Mercury Marketing LLC, streamlining multi-channel campaign management across web, email, print, and social media.
- Developed role-based access control system, ensuring secure data isolation for clients while maintaining visibility for parent companies, enhancing data security and compliance.
- Created real-time data visualization dashboards with Recharts, improving client insights into marketing campaign performance and business trends.
- Implemented backend architecture using Flask, deployed via Railway, and configured DNS/routing through Cloudflare, optimizing network security and system reliability.
- Improved efficiency by automating deployment workflows, reducing manual configurations through CI/CD integration and infrastructure as code.

EDUCATION

Master of Social Work

Sacred Heart University | Fairfield, CT

Bachelor of Science in Psychology

Bachelor of Arts in English

University of Connecticut | Storrs, CT

PROFESSIONAL DEVELOPMENT & CERTIFICATIONS

Software Engineering Immersive Program | General Assembly | Remote

- 450+ hour intensive full-stack development program focused on object-oriented programming, MVC frameworks, data modeling, and product development fundamentals.

Google Data Analytics Professional Certificate | Coursera | Remote

Backend Development Path - Python/Go | Boot.dev | Remote