

KONSTANTINA GIANNOPOULOU

Contact Information

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GitHub Profile URL: github.com/kgiannopoulou

Portfolio Web-page URL: <http://127.0.0.1:5500/index.html>

Education

Bachelor of Science in Computer Science

University of Western Macedonia, Kastoria

2019-2025

Technical Skills

- Programming Languages: Python, Java, C++, JavaScript
 - Web Development: HTML, CSS, React.js, Node.js
 - Tools & Platforms: Git, Docker, Kubernetes, Google Cloud Platform (GCP), Firebase
 - Databases: MySQL, MongoDB
 - Other Skills: Data Analysis, Machine Learning (TensorFlow, PyTorch), API Development
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Projects

1. E-Commerce Website for Local Businesses
 - Designed and developed a responsive e-commerce website using React.js and Node.js for local businesses to showcase their products.
 - Implemented a secure user authentication system using Firebase.
 - Improved website performance by optimizing API calls, reducing loading times by 30%.
 2. Personal Portfolio Website
 - Built a fully responsive personal portfolio using HTML, CSS, and JavaScript to showcase freelance web development projects.
 - Deployed the website on GitHub Pages and integrated contact forms using Firebase.
 3. Freelance Web Development Projects
 - Completed 10+ freelance projects, including custom websites for small businesses, personal blogs, and landing pages.
 - Collaborated with clients to gather requirements, design layouts, and implement features.
 - Utilized SEO techniques to increase website visibility and traffic.
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Writing & Publications

Author on Medium – @Konna Giann

- Writing articles on personal development and productivity.
- <https://medium.com/@konstantinagiannopoulou522>

Selected Articles:

1. "Self-Healing AI Models: Detecting & Fixing Their Own Mistakes"
<https://medium.com/@konstantinagiannopoulou522/self-healing-ai-models-detecting-fixing-their-own-mistakes-ae5054d55152>
2. "Creating Video Games without Human Input: A Case Study in AI-Generated Design"
<https://medium.com/@konstantinagiannopoulou522/creating-video-games-without-human-input-a-case-study-in-ai-generated-design-1a365f825ba9>
3. "A Beginner's Guide to Neural Networks"
Published in *GoPenAI*
<https://medium.com/@konstantinagiannopoulou522/a-beginners-guide-to-neutral-networks-67f9711b0852>

Certifications

- Responsive Web Design Certification, freeCodeCamp, 2024
- Full Stack Software Developer Assessment V2, Coursera, IBM, 2024
- Introduction to cybersecurity, CISCO, 2022
- Cybersecurity Essentials, CISCO, 2022
- Beginning C++ Programming, Udemy, 2021

Languages

- Greek (Native)
- English (C2)
- German (B1)

Volunteer Experience

Judge, Robotex Competition – Patra, Greece | 2024

- Evaluated robotic entries and provided feedback.
- Ensured fair assessments with the judging team.