

COSMIN PANESCU

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EDUCATION AND CERTIFICATIONS

University of Bucharest, B.S. Cybernetics, Statistics and Economic Informatics

Sept 2022 - June 2025

Relevant Coursework: Algorithms & Programming Techniques, Web Technologies, Databases, Computational Intelligence

Certifications: CompTIA A+, Google Cybersecurity Professional

Volunteering: Romanian Orthodox Youth Association, Cybernetics Student Organization

TECHNICAL SKILLS

Languages & Frameworks: Python, JavaScript, SQL, C, React.js, Flask

Tools: Linux & Bash, Git, Burp Suite, Wireshark, Metasploit, Postman, Active Directory, WordPress

WORK EXPERIENCES

Uniq

Dec 2024 - present

Data Operator | Python, Git, Excel

- Create and maintain Python scripts to automate repetitive, simple tasks and to increase the speed of insurance policy documents operation in the system for Data Entry team members.
- Collaborated with the automation team to define document logic and structure, enabling automatic integration of PDF data into internal systems and reducing manual entry by over 40%.

360 Advertising

May 2024 - Feb 2025

Junior Web Developer | JavaScript, PHP, HTML/CSS, SQL, WordPress, Git

- Ensured website security by implementing solutions for SQL injection and XSS attacks, HTTPS redirection, session management, user permission settings, HTTP Security Headers, and brute-force protection.
- Created a Python script to automatically send email alerts when a monitored website goes down, improving incident response at the web development agency.
- Performed regular backups and updates, monitored logs for suspicious activity, and optimized website performance.
- Developed 6 websites and optimized 20+ websites while ensuring high performance and an excellent user experience.

Regina Maria

June 2023 - Feb 2024

Database Services Analyst | SQL, Azure OpenAI, Excel, Git

- Developed and deployed an AI assistant using Azure OpenAI Playground, in collaboration with Microsoft, resulting in increased efficiency and speed of work among employees.
- Proficiently managed and maintained customer databases, including updating information and resolving tickets, using Microsoft SQL Server, Excel, CRM and CMS platforms.

PROJECTS

WebX - Web Vulnerability Scanner | Python, Flask, JavaScript, HTML/CSS, OpenAI API

- Full-stack web security scanning tool using Python/Flask and JavaScript that identifies critical vulnerabilities while providing detailed security assessments with visualized scoring metrics.
- Implemented an AI-enhanced PDF analysis service that integrates with OpenAI's API to extract and analyze security vulnerabilities from reports, providing actionable insights.

Real-Time Web Server Monitoring | Python, Google Cloud Console API

- Real-time server monitoring tool that automatically checks the status and availability of multiple websites, providing instant alerts.
- Implemented an intuitive, visually enhanced terminal interface and interactive configuration menus, empowering users to seamlessly customize monitoring parameters directly within the command-line environment.

AIInterview- Learn with AI | JavaScript, Node.js, React.js, SCSS, OpenAI API

- Educational platform featuring 150+ multiple-choice questions across frontend technologies, complete with detailed explanations for each question that enable users to master fundamental web programming concepts.
- Integrated GPT powered interview simulation functionality, providing users with realistic AI-driven interview practice sessions while maintaining a full-stack architecture built with React.js frontend and Node.js backend, demonstrating proficiency in modern JavaScript frameworks and AI API integration for enhanced user experience.