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ABOUT ME

As a full stack developer with extensive experience in various programming languages, I have cultivated a strong foundation in software development principles and practices. Currently, I am focusing on Django due to its maturity, robust architecture, and the security features it offers, which align perfectly with my goal of specializing in cybersecurity.

Thank you for considering my application. I look forward to the possibility of discussing how my background and skills can contribute to your organization.

EXPERIENCE

SNIR
DEVELOPER (REACT/NEXTJS) – 2021 / 2022

I worked as a front-end developer, I was responsible for creating an SMS sending system and creating a mass campaign for the administrative area. I used Reactjs, and for clients I used Nextjs because of SEO. GraphQL was used for API consumption, Jira for task monitoring and project follow-up. Git for version control, Material UI for design, Docker to use some images from the back-end.

CRISOFTEC
PROGRAMMER (C#/ASP.NET) – 2020 / 2021

I was responsible for continuing the business project that was being developed in the company, it was a hybrid project, containing school, HR, hospital, hotel systems, etc. The company consumed DOT.NET products, the system we were developing used C# as the main language, Visual Studio as the IDE, SQL Server as the database, Azure to monitor tasks, Git for version control and DevExpress for the user interface.

EDUCATION

ODINIL TRAINING CENTER

English - 2023
French - 2023

METHODIST UNIVERSITY

Computer Engineering - 2021

MAKARENCO (IPIL)

IT Systems Management Technician – 2016/2019

Skills

- Python
- Django
- TypeScript / JavaScript
- Reactjs, Nextjs, Nodejs
- Php, SQL, MySQL
- PostgreSQL, MongoDB
- Asp.Net, c#, c
- Git, Github, Postman
- Figma, Docker, Jira, Azure

ABOUT MY KNOWLEDGE OF DJANGO

DJANGO FRAMEWORK
- MVT Architecture: Knowledge of the Model-View-Template (MVT) design pattern used in Django for building web applications.
- Django ORM: Proficiency in using Django's Object-Relational Mapping (ORM) to interact with databases, including creating models, migrations, and querying data.

WEB SECURITY AWARENESS
Protection Against Common Vulnerabilities: Familiarity with Django's built-in protections against security threats such as:

- **Cross-Site Scripting (XSS)**: Understanding how to prevent XSS attacks through proper data sanitization and using Django templates that escape user input by default
- **Cross-Site Request Forgery (CSRF)**: Implementing CSRF protection
- **SQL Injection**: Utilizing Django's ORM to prevent SQL injection vulnerabilities through parameterized queries and proper input validation
- **Clickjacking**: Implementing clickjacking protection

AUTHENTICATION AND AUTHORIZATION
- **User Management**: Implementing user authentication features, including password hashing, user registration, and login/logout functionality.
- **Multi-Factor Authentication (MFA)**: Knowledge of integrating MFA for enhanced security during user authentication processes

API DEVELOPMENT
- **RESTful Services**: Experience in building RESTful APIs using Django Rest Framework, including creating serializers and viewsets for handling data exchanges.

CODE QUALITY AND MAINTENANCE
- **Version Control**: Proficiency in using Git for version control and collaboration on projects.
- **Testing**: Familiarity with writing unit tests and integration tests to ensure code reliability and maintainability.

DEPLOYMENT AND PERFORMANCE OPTIMIZATION
- **Deployment Strategies**: Understanding deployment processes on platforms like Heroku or AWS, including configuring web servers and managing database connections.