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Summary

Experienced software developer with a solid foundation in creating robust applications and a recent focus on cybersecurity training. Proficient in multiple programming languages and adept at leveraging this expertise to enhance security measures. The eager learner with a growing skill set in cybersecurity methodologies. Strong problem-solving abilities, attention to detail, and a collaborative approach, seeking to contribute dynamic cybersecurity solutions in a challenging environment.

Experience

Delta Smart Technologies (Urla, Izmir)

Oct 2022 - Present

Frontend Developer

- Engineered a real-estate web application and a smart risk and incident management system application, leveraging React.js to architect dynamic user interfaces, enhancing property search functionalities, and integrating interactive map features using APIs like Google Maps.
- Integrated RESTful APIs into the web application, enabling seamless data exchange with backend services in Java Spring, ensuring efficient property listing updates and user authentication.
- Conducted code reviews and collaborated closely with backend developers to establish robust API contracts and streamline data flow between frontend and backend systems for both applications.

Delta Smart Technologies (Urla, Izmir)

Jul 2022 - Sep 2022

Frontend Developer Intern

- Obtained practical experience creating and developing user interfaces for web apps during my internship as a frontend developer
- Worked with a group of engineers throughout my internship, picked up how to use different front-end tools, and developed my communication and problem-solving abilities.

Education

Izmir Institute of Technology

Sep 2019 - Jul 2024

Bachelor of Computer Engineering

Azerbaijan Cybersecurity Center

Jul 2023 - Dec 2023

Cybersecurity Training Program

Main training topics:

- Introduction to security and fundamentals
- Web application security
- Linux
- Microsoft
- Active Directory
- Network
- Python Programming
- Reconnaissance
- Cloud
- Wireless PT

Activities and Projects

AquaBid

- “AquaBid” specifically to facilitate seamless and secure fish auctions amid the challenges posed by the COVID-19 pandemic and quarantine restrictions. This innovative mobile application provided a comfortable and efficient platform for buyers and sellers within the seafood industry to engage in auctions remotely. By prioritizing user-friendly interfaces and stringent security measures, the app ensured a convenient and safe auction experience, catering to the evolving needs of the industry during the COVID-19 lockdowns.

PharmaZone

- Developed and launched “PharmaZone”, a comprehensive web application aimed at aiding users in locating on-duty pharmacies and accessing detailed information regarding medication contents. The platform offers a user-friendly interface that enables individuals to easily find nearby pharmacies operating during specific hours, enhancing accessibility to essential healthcare services. Additionally, PharmaZone provides informative data about the composition and properties of various medicines, empowering users with crucial information for informed decision-making regarding their healthcare needs. Led the conceptualization, development, and implementation phases, ensuring the application's efficiency and accuracy in delivering vital pharmaceutical information to the public.

Woof Woof

- Participated in a 24-hour hackathon focused on implementing a Web Application Firewall (WAF) into web applications, enabling real-time monitoring of malicious activities via an admin dashboard. Led the team in designing and integrating the WAF solution, ensuring enhanced security measures for web-based systems. This experience honed my skills in critical thinking and time management as we navigated the challenges of time constraints, problem-solving, and collaborative teamwork to deliver a functional and efficient solution within the stipulated timeframe. The project not only deepened my technical knowledge but also sharpened my ability to tackle complex issues under pressure, fostering a proactive approach to cybersecurity solutions.

WeBank

- A comprehensive capstone project focused on exposing vulnerabilities within bank web applications. Coordinated the development of a new web-based bank application from inception, deliberately incorporating common vulnerabilities that could be inadvertently introduced by developers lacking cybersecurity awareness. The project's core aim was to highlight the persisting risk of security breaches despite modern technologies and frameworks addressing numerous security concerns. Through this hands-on initiative, gained profound insights into the crucial role of cybersecurity education and awareness among developers. This project underscored the significance of bridging the gap between development practices and cybersecurity protocols to fortify web applications against potential threats.

Soft Skills

Communicational skills
Problem-solving
Team member
Leadership
Attention to detail

Languages

Azerbaijani	- Native
English	- Advanced
Turkish	- Advanced
Russian	- Elementary
Japanese	- Elementary

Technical Skills

Cyber Security: Red Teaming, Penetration Testing, OWASP Top 10, Burp Suite, Metasploit, SQLMap, Social Engineering, Cryptography

Programming languages: Javascript, Typescript, Python, Java, C, Assembly, HTML/CSS, Shell Script, Powershell

Operating Systems: Linux, Windows, Windows Server

Certifications and awards

- [TryHackMe](#) Platform TOP 2%
- Jr. Penetration Tester Learning Path - [\[TryHackMe\]](#)
- Introduction to Artificial Intelligence - [\[IBM\]](#)
- Python Project for Data Science - [\[IBM\]](#)
- What is Data Science? - [\[IBM\]](#)
- Data Science Methodology - [\[IBM\]](#)
- Tools for Data Science - [\[IBM\]](#)
- Python for Data Science, AI & Development - [\[IBM\]](#)

Area of interest

Red teaming, capture the flag (CTF) challenges, reverse engineering, SIEM, SOAR, EDR, XDR, blockchain, crypto coins, private and public sectors

References

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