
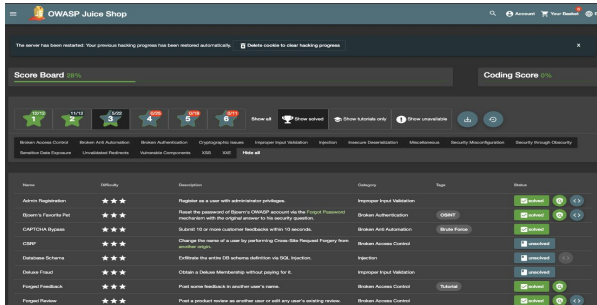


Bootcamp Experience

	Main Topic	Projects Realization	I learned how to:
<u>2021 Q4</u> Nov 15 - Dec 24 2021	JAVASCRIPT	❖ Warehouse Inventory App <ul style="list-style-type: none">• Build a warehouse inventory management system• Work with ERD for project startup• README for project introduction and explanation	<ul style="list-style-type: none">• Use bootstrap to create the frontend of our application• Associate the backend with the front of an application• Exploit and use GitHub, its repositories and the README file
<u>2022 Q1</u> Jan 31 - Feb 11 2022	REACT	❖ NCIJ Pet Adoptions App <ul style="list-style-type: none">• Create a REACT App that allows users to view dogs available for adoption	<ul style="list-style-type: none">• Work with Jira for the project planning• Identify and focus on a user story• Create a frontend using Express
<u>2022 Q2</u> Apr 04 - Apr 15 2022	RESTful APIs + Auth	❖ Food Bandit App (API_MVP) <ul style="list-style-type: none">• Create a RESTful API using Python that allows users to perform full CRUD operations• Deployed my application with kubernetes (Docker)	<ul style="list-style-type: none">• Work with Python to establish a backend & save data in the database• Use Postman to perform all CRUD operations• Better debug errors with stack overflow



Bootcamp Experience

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<u>2022 Q2</u> Jun 13 - Jun 24 2022	CI/CD	 <p>IDEATION Brainstorming ideas that solve a particular problem faced by target users.</p> <p>REQUIREMENTS Interacting with stakeholders and users to collect and document project requirements.</p> <p>DESIGN Creating the architecture of a software system and its elements.</p> <p>DEVELOPMENT Building the software using a programming language by the development team.</p> <p>TESTING Evaluating the quality of software with the aim of finding and fixing defects.</p> <p>Deployment Preparing the software to run and operate in a specific environment.</p> <p>MAINTENANCE Updating and supporting the software after it has been delivered to the market.</p>	<ul style="list-style-type: none">• Learned about the different phases of SDLC and how each stage precedes and/or ensues the other• Play with Docker and• Docker as a containerization platform																																																						
<u>2022 Q3</u> Aug 8 - Aug 19 2022	Web Security	 <p>The screenshot shows the OWASP Juice Shop Score Board. It displays a 'Coding Score' of 100% and a 'Security Score' of 100%. Below the scores, there is a table of vulnerabilities with columns for Name, Difficulty, Description, Category, Type, and Status.</p> <table><tr><th>Name</th><th>Difficulty</th><th>Description</th><th>Category</th><th>Type</th><th>Status</th></tr><tr><td>Admin Registration</td><td>☆☆</td><td>Register as a user with administrator privileges</td><td>Improper Input Validation</td><td>CRITICAL</td><td>Completed</td></tr><tr><td>Admin's Favorite Pin</td><td>☆☆</td><td>Read the password of Admin's OWASP account via the 'Forgot Password' mechanism with the original pin or the empty password</td><td>Broken Authentication</td><td>CRITICAL</td><td>Completed</td></tr><tr><td>CAPTCHA Bypass</td><td>☆☆</td><td>Submit 10 or more customer feedbacks within 10 seconds</td><td>Broken Rate Limitation</td><td>CRITICAL</td><td>Completed</td></tr><tr><td>CSP</td><td>☆☆</td><td>Change the name of a user by performing Cross-Site Request Forgery from administrator</td><td>Broken Access Control</td><td>CRITICAL</td><td>Completed</td></tr><tr><td>Database Schema</td><td>☆☆</td><td>Exfiltrate the entire DB schema including user IDs, passwords</td><td>Injection</td><td>CRITICAL</td><td>Completed</td></tr><tr><td>Database Fuzz</td><td>☆☆</td><td>Obtain a Database Membership without paying for it</td><td>Improper Input Validation</td><td>CRITICAL</td><td>Completed</td></tr><tr><td>Forgot Password</td><td>☆☆</td><td>Post a new password to another user's name</td><td>Broken Access Control</td><td>CRITICAL</td><td>Completed</td></tr><tr><td>Forgot Pincode</td><td>☆☆</td><td>Post a pincode under another user or add any user's existing pincode</td><td>Broken Access Control</td><td>CRITICAL</td><td>Completed</td></tr></table>	Name	Difficulty	Description	Category	Type	Status	Admin Registration	☆☆	Register as a user with administrator privileges	Improper Input Validation	CRITICAL	Completed	Admin's Favorite Pin	☆☆	Read the password of Admin's OWASP account via the 'Forgot Password' mechanism with the original pin or the empty password	Broken Authentication	CRITICAL	Completed	CAPTCHA Bypass	☆☆	Submit 10 or more customer feedbacks within 10 seconds	Broken Rate Limitation	CRITICAL	Completed	CSP	☆☆	Change the name of a user by performing Cross-Site Request Forgery from administrator	Broken Access Control	CRITICAL	Completed	Database Schema	☆☆	Exfiltrate the entire DB schema including user IDs, passwords	Injection	CRITICAL	Completed	Database Fuzz	☆☆	Obtain a Database Membership without paying for it	Improper Input Validation	CRITICAL	Completed	Forgot Password	☆☆	Post a new password to another user's name	Broken Access Control	CRITICAL	Completed	Forgot Pincode	☆☆	Post a pincode under another user or add any user's existing pincode	Broken Access Control	CRITICAL	Completed	<ul style="list-style-type: none">• Expose vulnerabilities of the OWASP Juice shop system, using provided guides• Avoid putting our systems and data at risk with proper security configuration• Build my portfolio
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