

VAPT & Cybersecurity Management System

Product : Cyber Security and Vapt testing

Frontend: React.js (Ant Design, Chart.js)

Backend: Node.js, Express.js, PostgreSQL

Authentication: OAuth2 + JWT

Deployment: Docker, AWS ECS, Kubernetes

Development Process:

1. Research & Planning – Collaborated with cybersecurity experts to understand workflow.
2. Design & Prototyping – Created dashboards for vulnerabilities, scan reports, and client access.
3. Modular Backend Development – Project-based Express API with audit logging.
4. PDF Report Generator – Custom report builder using Puppeteer and HTML templates.
5. Pentester Workflow Automation – Cron jobs and notification triggers for assigned tasks.
6. DevOps & CI/CD – Dockerized services with GitHub Actions, deployed via ECS.
7. Testing – SQL injection and XSS vulnerability test cases, performance stress tests.
8. Support – 24x7 patch support for CVE updates, client-specific customization.