Mohamed Hamad

Bug Bounty Hunter | Content Creator

swilam.per@gmail.com • +201030141149 • swilam.me • github.com • linkedin

PROFILE

Bug Bounty Hunter and Backend Developer with expertise in security and ethical hacking. Creator of Farm CTF, specializing in API testing and real-world vulnerabilities and exploitation techniques. Competitive Programmer (ECPC 2023 & 2024) with strong algorithmic thinking. Experienced in API & backend development using Node.js and MongoDB.

EDUCATION

- **Computer Science Bachelor's Degree** *(10/2022 - 06/2026)*
  Faculty of Computer Science, Obour High Institute

EXPERIENCE

- **Bug Bounty Hunter** *(03/2023 - Present)*
  Experienced Bug Hunter proficient in uncovering and responsibly disclosing vulnerabilities across diverse digital platforms, contributing to fortified cybersecurity measures.
  HackerOne & Bugcrowd Profiles and Medium Blog.

- **CTF Creator** *(09/2024)*
  CTF Creator with experience in designing and developing cybersecurity challenges. Creator of Farm CTF, focusing on real-world vulnerabilities and exploitation techniques. Skilled in crafting challenges related to web security, cryptography and penetration testing.
  Challenge's repository.

- **API & Back-end Developer** *(02/2024 - 07/2024)*
  Experienced in building secure and optimized backend systems using Node.js, Express.js, MongoDB. Proficient in developing RESTful APIs, authentication systems, and database optimization, completed the project in slightly under 4 months.

- **Competitive Programming** *(11/2022 - 07/2024)*
  Competitive Programmer with a strong foundation in algorithms, data structures, and problem-solving. Contestant in ECPC 2023 & 2024.

- **Content Creator,** Youtube *(06/2024 - Present)*
  Content Creator focused on delivering high-quality cybersecurity content on YouTube, with a specialization in Bug Bounty Hunting and Penetration Testing. Produces engaging tutorials, walkthroughs, and real-world examples to help viewers enhance their skills in identifying and exploiting vulnerabilities.

ACHIEVEMENTS

- **Listed in BBP Hall of Fames** (e.g. ClassDojo, Daimler Truck, ION Group, etc..) in HackeOne and BugCrowd.

SKILLS

- **(API & Web & Network) Application Penetration Testing**
  Skilled in conducting thorough assessments to enhance the security of web-based and network-based systems, conducting assessments to mitigate vulnerabilities and enhance overall API security posture.

- **(API & Back-end) Developing**
  Developed a website's API using Node.js and MongoDB and implemented the most common security topics like Authentication, Authorization, Session Management, cookie Management, OAuth and others

- **Problem Solving**
  skilled in advanced topics such as dynamic programming, graph theory, greedy algorithms. Passionate about algorithmic optimization and efficiency, with experience in solving complex problems under time constraints.

COURSES

- **CompTia**
  - Linux+
  - Network+
  - Security+
- **eLearnSecurity**
  - eJPT (*Studied*)
  - eWAPT (*Studied*)
  - eWAPTX (*Studied*)
  - eCPPT (*in progress*)

LANGUAGES

- Arabic (Native)
- English