Talha Eroglu

LinkedIn: linkedin.com/in/talha-eroglu
Github: github.com/talhaaeroglu

Email: talhaeroglu35@gmail.com
Mobile: +90 530 786 2482

EDUCATION

- **Middle East Technical University** — Ankara, Turkey
  Bachelor of Computer Engineering — *Expected Graduate: Feb 2024*
  - Led a team of 4, achieving 1st place among 33 projects. Developed an Attack Surface Management application highlighting organizational security posture.

SKILLS SUMMARY

- **Technical Skills:** C, C++, Python, Django, C, .Net, .Net Core, SQL, Unix, Linux, Bash, JavaScript, React(Basic), RabbitMQ, Redis, Jenkins, Git, Docker, AWS, Kubernetes
- **Soft Skills:** Team Work, Problem Solving, Time Management

EXPERIENCE

- **DevOps Engineer Intern** — Istanbul, Turkey
  Peak (On-site) — *Aug 2023 - Sep 2023*
  - Solely developed, and deployed **Terraspread**: an application optimizing AWS instance distribution using **React** and **Go**.
  - Utilized **json schema** for dynamic UI, integrated Okta SDKs for authentication.
  - Enabled **Prometheus** metrics export and ensured comprehensive API functionalities.

- **Junior Software Engineer** — London, England
  Keepnet Labs LTD (Remote) — *Mar 2022 - Aug 2023*
  - Provided technical support to approximately **10** distinct clients using on-premise solutions. Responsibilities included bug resolutions in real-time operation, managing database functionalities, and performing regular maintenance tasks.
  - Delivered hotfixes and maintained features using **C#**, **.NET**, **MsSQL**, **RabbitMQ** , **Redis**,**Javascript**, **JQuery**, **HTML** and **CSS**.
  - Utilized **Azure DevOps** for sprint planning, code reviews and pipelines, **Git** for version control.

- **DevOps Engineer Intern** — Ankara, Turkey
  OBSS Technology (Remote) — *Jul 2022 - Sep 2022*
  - Collaboratively built a **Bash-Python** project for Docker & Raw artifacts in **Nexus Repository Manager** in an Air-gapped way.
  - Worked on **AWS** eco-system, deployed EC2 instances using **Auto Scaling Groups**, **Elastic Load Balancer** with **Cloudformation**.
  - Gained experience in **Docker**, **Kubernetes, Helm** and **Linux System Administration**.

- **Software Engineer Intern** — London, England
  Keepnet Labs LTD (Remote) — *Nov 2021 - Mar 2022*
  - Implemented **API** integrations with e-mail threat analysis engines such as Virus Total, IBM X-Force and constructed .Net Core applications and services.

- **Software Test Automation Engineer Intern** — Manisa, Turkey
  Vestel Electronics (Remote) — *Jul 2021 - Sep 2021*
  - Automated data exchange systems using **Python** with **Pandas** and **NumPy**.
  - Utilized **Google Data Studio Google Big Query** and **Google Firebase** for data visualization and querying
  - Made **SQL query** improvements on the relational DBMS for a limited time.

EXTRACURRICULAR ACTIVITIES

- **Nexus Replicator (Nexus Repository Manager)**: (Completed) Air-gapped Nexus Repository synchronizer. Used with Docker and Raw artifacts, removes common Docker Layers to reduce size, Synchronizes the repository according to the given date range Tech: Python, Bash , Docker (October '18)
- **Cyber-security Articles (github)**:
  - Explored the methods of exploiting cyber-security vulnerabilities and the potential consequences of these attacks
  - Provided practical advice and code examples for making applications more secure against those attacks.
  - Created a guide for developers on the best practices for avoiding security vulnerabilities and applying secure development practices.

HONORS AND AWARDS

- Our graduation project , an Attack Surface Management tool, was awarded 1st place, distinguishing itself among 33 diverse projects in various fields.(METU). - June, 2023
- Awarded the first place in the DevOps Intern group (OBSS Tech). - Sep, 2022
- Ranked 1069th among +2M students (0.05%) in college entrance exam. - September, 2018