



# Jesús Alejandro Mejía Bojorjes



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## SUMMARY

I'm a backend developer with 5 years of experience, specializing in Golang and the creation of scalable, high-performance, and secure applications. Passionate about cybersecurity, I am currently preparing for the OSCP certification and have contributed several writeups on Hack The Box (HTB).

My experience includes vulnerability testing and scanning, securing cloud infrastructures, safeguarding microservices, and implementing best practices in secure backend software development. I have worked extensively with AWS cloud infrastructure, integrating databases such as MongoDB and PostgreSQL, and ensuring performance and security through automation.

## CERTIFICATIONS AND PROJECTS

- OSCP Preparation (Ongoing)
- Hack The Box (HTB) Writeups: Contributed multiple writeups for HTB machines, applying
- Advanced penetration testing techniques.
- Performed basic vulnerability assessments and scans on backend services and cloud
- Infrastructures as part of professional and personal projects.

## SKILLS

- **Languages:**
  - TypeScript, Golang, Python, Bash
- **Operating Systems:**
  - Windows, Linux, UNIX, macOS
- **Cloud:**
  - AWS (EC2, S3, VPC, RDS, CloudWatch), Docker, Terraform
- **Databases:**
  - MongoDB, PostgreSQL
- **Security:**
  - Vulnerability Scanning (Nmap, OpenVAS), Penetration Testing, Network Security (VPC, IAM), Encryption
- **Development:**
  - Secure backend services, CI/CD, APIs, Microservices

## EXPERIENCE

### XalDigital

Feb 2024 - July 2024

#### Infrastructure Engineer

- Architected and implemented high-availability, secure microservices using Golang, designed for high-demand production environments.
- Led the design, deployment, and optimization of AWS infrastructure, with a focus on scalability and security.
- Conducted basic vulnerability scans using tools like Nmap and OpenVAS, ensuring services remained secure from common threats.
- Engineered scalable and secure APIs and backend systems in Golang, integrating advanced security measures for MongoDB and PostgreSQL.
- Applied security best practices across cloud infrastructures, including network security (VPC) and access management (IAM).

### Justia

March 2022 - December 2022

#### DevOps Associate

- Spearheaded the maintenance and enhancement of secure CI/CD pipelines using AWS CodePipeline, automating deployment processes while ensuring security.
- Performed basic vulnerability assessments on infrastructure and codebases, identifying potential security risks in the deployment pipelines.
- Designed and managed cloud-native architectures on AWS, with a focus on security monitoring using CloudWatch and Prometheus.
- Orchestrated secure Docker container deployments, ensuring consistency, reliability, and protection throughout the development and production stages.
- Implemented security tuning strategies and proactive vulnerability scanning for early detection of potential threats.

### HCL Tech

Feb 2023 - Oct 2023

#### Software Backend Engineer

- Engineered high-performance and secure backend services and APIs using Golang, addressing complex business and security requirements.
- Managed and optimized distributed databases (MongoDB, PostgreSQL) with a focus on both scalability and security.
- Conducted basic vulnerability scans and penetration tests on Golang APIs, identifying and mitigating security weaknesses.
- Architected and maintained AWS cloud infrastructure, enhancing reliability and security by implementing encryption and access management policies.
- Administered Ubuntu servers on AWS, applying security best practices and optimization techniques to ensure safe and efficient backend performance.

### ADISA

Oct 2018 - Dec 2021

#### Process Automation, Backend and Cloud Developer

- Developed and secured backend services and APIs using Golang, with a focus on concurrency, performance optimization, and security.
- Conducted basic vulnerability scans across cloud services and application infrastructures, identifying security gaps and recommending solutions.
- Led the design and management of high-availability, secure database systems, ensuring robust, scalable, and security-compliant solutions.
- Architected and managed cloud-native infrastructures on AWS, driving innovation, efficiency, and security in service delivery.
- Championed automation and container orchestration practices with Docker and Kubernetes, securing deployment and scaling processes.