Abdullh Intesar Sanaf

Dhaka, Bangladesh sanaf@0x30c4.dev https://0x30c4.dev

SUMMARY

Experienced Software Engineer and Content Engineer with a focus on building secure, scalable backend systems using Go, Python, and cloud technologies. Skilled in optimizing performance, debugging complex systems, and developing cybersecurity content. As a Content Engineer, I design hands-on security labs and CTF challenges to help others learn real-world attack techniques. Passionate about problem-solving and continuous learning.

SKILLS

Languages: Go, Python, JavaScript, SQL, Bash, PHP, C. **Frameworks**: Django, Flask, Laravel, FastAPI, GoGin. **DataBase**: Postgres, MySQL, Redis, MongoDB **Cloud Platform**: Google Cloud, AWS. **Version Control**: Git. **Container Orchestration**: Docker, Kubernetes. **OS:** Linux, Unix

EXPERIENCE

Hack The Box
Athens, Greece

Content Engineer (Remote)
April 2025 - Present

- **Security Lab Development**: Developed exclusive security machines focusing on emerging CVEs, vulnerabilities, and exploitation techniques.
- **CTF Challenge Creation**: Designed and deployed Cloud labs to simulate real-world attack scenarios and security challenges.
- **Testing & Validation**: Conducted extensive testing, maintenance, and validation of machines, labs, and Capture The Flag (CTF) challenges.
- **Cross-Team Collaboration**: Collaborated daily with the Content Development, Infrastructure, and Security teams to deliver high-quality cybersecurity training content.
- **Security Research**: Performed continuous security research to stay updated on the latest vulnerabilities, exploits, and tactics.
- **Automation & Optimization**: Automated recurring security tasks to improve efficiency and streamline development workflows.

SecureLayer7
Maharashtra, India

Golang Engineer (Remote)
August 2024 - April 2025

- **Backend Development:** Built high-performance backend systems with Go, ensuring scalability, security, and reliability for cybersecurity solutions.
- **Performance Optimization:** Spearheaded optimizations in the main scan engine, improving template parsing and boosting performance by ~20%.
- **Database Optimization:** Improved PostgreSQL performance, reducing query execution times by 30% and optimizing real-time data models.
- **API & Microservices Development:** Architected and implemented scalable RESTful APIs and microservices using Go, improving response times by 25%.
- **Testing & Reliability:** Delivered 100% test coverage on critical systems through unit and integration tests, ensuring system reliability and maintainability.
- **Deployment & Containerization:** Improved deployment times by 40% through containerization using Docker and Helm, alongside scalable solutions on Google Cloud Platform..

Memepad
Amsterdam, Netherlands

Backend Engineer (Remote, Contract)
April 2024 - July 2024

- **Backend Enhancement:** Improved existing backend services, adding new features and boosting performance by 30%.
- **Unit Testing:** Wrote comprehensive unit tests covering 95% of critical code paths, reducing production bugs by 40% and increasing deployment confidence.
- **Dashboard Setup:** Created Grafana dashboards to monitor 50+ KPIs, cutting issue detection time by 50%.
- **Trading Bots:** Built automated Telegram trading bots handling 1,000+ trades daily, using Go, PostgreSQL, and Traefik.
- **Kubernetes Orchestration:** Orchestrated containerized applications with Kubernetes, achieving 99.9% uptime and supporting up to 10,000 concurrent users seamlessly.

Octagram LTD
Dhaka, Bangladesh

Software Engineer (Hybrid, Full Time)
November 2022 - July 2024

- **Secure Backend Services:** Developed scalable backend solutions, improving case resolution and enhancing criminal investigation processes.
- **Multi-Technology Expertise:** Leveraged Python, Golang, PHP, and AWS to architect secure backend systems, reducing system downtime and improving overall reliability.
- **API Optimization:** Developed and optimized 100+ API endpoints, reducing response times by 25%.
- **Linux Server Management:** Managed and maintained over 20 Linux servers, ensuring 99.9% uptime and seamless operations for high-demand backend services.

Digital Marketing Web Design Company.
USA

Backend Developer (Remote, Contract)
October 2020 - April 2022

- **Backend Solutions:** Built scalable web solutions using Python, PHP, MySQL, Docker, and GitLab, optimizing backend services.
- **Developed and integrated REST APIs** with Django and Laravel, driving new feature implementation and improving backend functionality.
- **Managed cloud infrastructure** on Google Cloud, ensuring efficient deployment and maintenance of services, contributing to smooth operations and scalability.
- **Reduced system downtime by 30%** through the resolution of complex backend issues, significantly improving application performance and user experience.

PROJECTS

GhostBin
March 2024 -March 2024

GhostBin is a lightweight, high-performance PasteBin. • gbin.me

- Developed a lightweight, high-performance pastebin using Go and Redis, emphasizing simplicity and speed for text snippet sharing.
- Implemented a command-line interface for seamless pasting without the need for a browser, enhancing user accessibility.
- Engineered data persistence functionality with Redis, ensuring reliable storage and retrieval of pasted text snippets.
- Conducted unit testing to validate the functionality and reliability of the GhostBin pastebin, ensuring robust performance under various scenarios.
- Demonstrated proficiency in Go programming language, Redis database management, and software testing methodologies through project execution.