

# Nabin Tiwari

## DevSecOps Engineer

+1 786 854 4475  
pwnwriter@icloud.com  
<https://pwnwriter.me>  
Miami, FL

## Introduction

DevSecOps Engineer skilled in optimizing CI/CD workflows, integrating security, and ensuring reproducible builds. Proficient in Rust, Python, and Nix, with hands-on experience in Linux systems and open-source contributions. Ready to enhance security and efficiency in a dynamic team

## Experience

### DevSecOps Engineer – Nest Nepal

*Feb 2023 – Jul 2024*

- Implemented NixOS for declarative OS configuration and provided support for Laravel, WordPress, WHM, and cPanel..
- Managed Docker, Nginx, and Apache servers; developed a Bsp API handler in Rust that reduced server load time by 5% and a Bsp helper in Python for efficient database migration.
- Enhanced CI/CD workflows with a custom pipeline that reduced server downtime by 90%.

### Nix/NixOS/Nixpkgs

*Jan 2024 – present*

- Regular contributor to the largest Linux package repository, with integrated contributions encompassing fixes, New tools, Packages

## Projects

### METIS Linux

<https://github.com/metis-os>

Minimal Elegant Yet Powerful Linux Distribution For The X86\_64

### Haylxon

<https://github.com/pwnwriter/haylxon>

Blazing-fast tool to grab screenshots of your domain list right from terminal.

## Education

### Atlantis University

*Bachelor of Science in Information Technology*

- August 2024 – present

## Skills

- **Programming** : Rust, C, Python, Lua, Shell Scripting
- **Linux Proficiencies:** Packaging, Security, Automation, Reproducible Builds, CLI Tooling, Supply Chain Security
- **System Administration:** AWS EC2, Nginx, Homeserver Management
- **CI/CD Tools:** GitHub Actions, Custom CI/CD Pipelines

## Tools/Software

- NixOS and Nix on apple silicon
- Neovim,
- Git, personal git server
- Nginx,
- OWASP ZAP, Burpsuite, Caido
- Terminal, Tui,

## Certifications

- eJPT – elearnSecurity Junior Penetration Tester(2022)
- The SecOps Group(2023)