

# Shane Silvernail

P: (386) 334-2206 | [silvernailshane@gmail.com](mailto:silvernailshane@gmail.com) | <https://cybershane.dev>

## PROFESSIONAL SUMMARY

---

Cybersecurity and software engineering professional with hands-on experience in full-stack development, Agile workflows, and secure coding. Proficient in Python, SQL, JavaScript, and cloud technologies, with a track record of delivering scalable, secure applications. Committed to enhancing system security and performance through innovation and best practices.

## EDUCATION

---

### PURDUE UNIVERSITY

Master of Science: Information Technology; Focus on Cybersecurity

Expected October 2025

### UNIVERSITY OF CENTRAL FLORIDA

Bachelor of Science

### VALENCIA COLLEGE

Associate of Arts

## CERTIFICATIONS

---

**SOFTWARE ENGINEERING CAREER TRACK** - Springboard

**CYBERSECURITY** - Google

A+ - CompTIA

## WORK EXPERIENCE

---

### CACERES MARINE, LLC. (Small Business / Project Hire)

Daytona Beach, FL

Junior Associate Software Engineer

June 2024 - June 2025

- Contribute to full-stack development across frontend (HTML/CSS/JS) and backend (Python, Java, SQL)
- Build and maintain RESTful APIs using Flask and PostgreSQL to support web app functionality
- Implement secure user authentication using BCrypt and follow secure coding standards
- Use Git and GitHub for version control, branching, and collaborative code reviews

### SILVERNAIL TARP SERVICES, LLC. (Small Business)

Orlando, FL

Small Business Owner and Founder

June 2020 - Present

- Found and operate a roof tarping company providing emergency roofing solutions to over 200 clients
- Oversee logistics, client communication, insurance negotiations, and quality assurance
- Apply strategic planning, budgeting, and project execution to ensure smooth operations and client satisfaction

## PROJECTS

---

### PyScan · Python, Socket, Threading, Jinja2, WeasyPrint

- Developed PyScan, a Python-based CLI tool to scan IPs, detect open ports, grab banners, and match known CVEs
- Implemented multi-threaded scanning with HTML/PDF report generation

### CyberShane Portfolio · React, Tailwind CSS, JavaScript, Git, Netlify

- Created and deployed a personal portfolio site showcasing projects, skills, and resume
- Focused on a clean UI, mobile responsiveness, and secure Git-based version control

## SKILLS

---

**Technical Skills:** Python, SQL, JavaScript, HTML, CSS, React, Node.js, Flask, Git, PostgreSQL

**Cybersecurity & IT:** Encryption, Endpoint Security, Network Security, Cloud Computing, Incident Response, Penetration Testing

**Software & Platforms:** Microsoft Project, Microsoft Visio, Adobe Photoshop, APIs, Database Management

**Other:** Agile/Scrum, Compliance & Risk Management, Spanish: Basic ability to read, write, and speak