# John Giles

# Software Engineer | Full-Stack Development | DevOps Automation

## Newfoundland, NJ 07435

(201) 213-9673 | CodeDiggs@gmail.com | linkedin.com/in/diggty66 | github.com/diggty66 | Portfolio

#### Professional Summary

Software Engineer experienced in developing and deploying full-stack applications using React, Flask, and Django. Skilled in CI/CD automation, containerization, and Linux server administration with Jenkins, Docker, and GitHub Actions. Integrates front- and back-end logic with DevOps practices to deliver secure, maintainable, and scalable software.

## Skills

- Languages: JavaScript, TypeScript, Python, Java, C/C++, HTML/CSS, LaTeX
- Frameworks: React,
- Flask, Django, Node.js, Bootstrap, WordPress
- DevOps: Jenkins, Docker, Kubernetes, Trivy, Coverity, nginx, gunicorn
- Databases: PostgreSQL, MySQL, SQLite
- Tools: Git, GitHub Actions, Jira, Confluence
- Platforms: RHEL,

Ubuntu, CentOS, Windows

• AI Tools: ChatGPT, Google Gemini, GitHub Copilot

#### Selected Projects

## Portfolio – github.com/diggty66/codediggs-portfolio

Responsive portfolio website built with React and Tailwind CSS, showcasing full-stack projects and design work.

## Django API Website – food-api-website.onrender.com

Created and deployed a live Diago website integrating food-data APIs with responsive design and cloud hosting via Render.

#### Flask CRUD Website – getmowed2.onrender.com

Created and designed a web app from scratch using Python, Flask-SQLAlchemy, Bootstrap, and SQLite.

## Professional Experience

## Software Engineer – Innovative Defense Technologies

Feb 2023 – Jan 2025

Mount Laurel, NJ

- Collaborated with senior engineers on full-stack and CI/CD development supporting secure automation pipelines through Jenkins, Trivy, Coverity, and Jira/Confluence.
- Engineered and maintained secure React applications with TypeScript and JavaScript.
- Built CI/CD pipelines integrating security scans with Jenkins, Trivy, and Coverity.
- Directed Linux server administration and Dockerized environments for mission-critical systems.
- Migrated infrastructure from CentOS 7 to RHEL 10, improving reliability and patch compliance.
- Automated reporting workflows and supported Agile sprint planning with technical leads.

## Software Engineering Intern – Innovative Defense Technologies

May 2022 - Aug 2022

Mount Laurel, NJ

- Integrated Java, C++, and TypeScript components into automated testing systems.
- Solved versioning and library conflicts across compilation environments.
- Collaborated with senior engineers and mentors in a team-oriented Agile workflow.

#### IT Intern – EMD Electronics

Jun 2021 – Aug 2021

Branchburg, NJ

- Coordinated packaging for 96 software applications in 10 weeks.
- Imaged and deployed 170+ workstations across manufacturing and HQ sites.
- Analyzed encryption compliance and supported IT audit remediation efforts.
- Collaborated with SCCM and EUS teams to improve asset tracking and deployment.

## Avionic Mechanic (68N10) - Army National Guard

Jun 1996 - 1999

Ewing, NJ

• Trained in and performed electrical wiring diagnosis and repair on helicopter systems.

#### Education and Certifications

## Bachelor of Arts in Computing and Informatics, Minor in Computer Science

Glassboro, NJ

Jan 2023

Rowan University

## Associates of Science in Computer Science

Brookdale Community College

Jan 2021 Lincroft, NJ

# Automotive Technician Certificate

Dec 2005

Lincoln Technical Institute

Union, NJ

• Certifications: ASE Master Technician, Audi/VW/Hyundai/Nissan Electrical & Hybrid, freeCodeCamp Full-Stack Web Development, OSHA Basics, CORI Cleared (2025), JP Morgan Chase Software Engineering Virtual Experience