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 | CodeDiggs.com

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 Django 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 Jan 2023
Rowan University *Glassboro, NJ*

Associates of Science in Computer Science Jan 2021
Brookdale Community College *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