

# ISWARYA T

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## PROFILE SUMMARY

Aspiring DevOps Engineer and Computer Science graduate (2025) with hands-on experience in CI/CD pipelines, build automation, and deployment automation using Jenkins and Docker. Strong foundation in Linux, Git, GitHub, containerization, and cloud platforms including AWS, Azure, and Google Cloud. Experience working in an Agile environment with exposure to infrastructure concepts, automation workflows, and DevOps best practices. Actively seeking a DevOps Fresher or Junior DevOps Engineer role.

## EDUCATION

S.NO	INSTITUTE NAME	COURSE	ACADEMIC SCORE	YEAR
1	Nandha College of Technology	BE-Computer Science and Engineering	7.6/10	2025
2	Government Higher Secondary School	HSC-COMPUTER SCIENCE	83%	2021
3	Government Higher Secondary School	SSLC	78%	2019

## EXPERIENCE

Software Engineer Intern – Adrasti (Venture Builder Company)

Worked in a venture builder environment with exposure to AI-based product development and early-stage startup workflows. Assisted in basic Python scripting tasks and source code management using Git and GitHub. Collaborated with team members by following structured development practices and gained practical understanding of CI/CD concepts, version control workflows, and real-world software development life cycles.

## PROJECTS

### DevOps Portfolio Website Deployment

Designed and developed a personal portfolio website using HTML and CSS to showcase technical skills and projects. Implemented version control by storing the source code in GitHub.

Configured Jenkins to automatically pull the code from the repository and perform basic build and testing steps. Containerized the application using Docker and deployed it to a web server, demonstrating an end-to-end DevOps workflow from code commit to deployment.

### **AI-Based PDF Question Answering System**

Developed a Python-based application capable of extracting information and answering user queries from multiple PDF documents. Implemented PDF parsing logic and automated document handling workflows. Used GitHub for version control and project management while working on the application.

### **Credit Card Fraud Detection System**

Built a machine learning model using the XGBoost algorithm to identify fraudulent credit card transactions. Performed data preprocessing, feature engineering, and model evaluation to improve prediction accuracy and reliability.

## **TECHNICAL SKILLS**

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Programming and Scripting: Python, Shell scripting (basic)

Operating Systems: Linux

CI/CD Tools: Jenkins, GitLab CI

Version Control Systems: Git, GitHub

Containerization: Docker

Orchestration: Kubernetes (basic)

Cloud Platforms: AWS (EC2, S3), Azure, Google Cloud Platform

Infrastructure as Code: Ansible, Terraform

DevOps Concepts: CI/CD pipelines, automation, build and release management

## **CERTIFICATIONS**

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DevOps Certification – PaperLive (CI/CD, Docker, Jenkins, Cloud Basics, AWS, Azure, GCP)

DevOps Certification – GUVI

Cloud Computing Certification – NPTEL

## **LANGUAGES**

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- English
- Tamil