

# Swastik Dwivedi

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Bengaluru, Karnataka, India

GitHub: <https://github.com/drunckj>

Blog: <https://dev.to/drunckj>

## EXPERIENCE

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### Indian Oil Corporation Limited

Software Contract Work

Sep 2022 - April 2023

- **GatePass** - Developed and deployed a visitor and material management solution for Indian Oil, used daily in over 1500 locations across India. Leveraged **React** and **Spring Boot** frameworks to build a scalable and user-friendly **PWA** for tracking visitor and material movement..
- **Swadhyaya Dashboard** - Made Dashboard for Swadhyaya LMS for Indian Oil in **Springboot** and **Thymeleaf**.

### Rachayata Tech Pvt Ltd

Jan 2022 - Aug 2022

SDE - Full Stack Web3 developer

- **MetatigersClub** : Dual NFT Marketplace made using **ReactJS**, **Metaplex**, **Candymachine V2**, **Nodejs** and **Reactjs**.
- **JaiShriRam** : NFT Marketplace made using **ReactJS**, **Metaplex**, **Candymachine V2**, **Nodejs** and **Reactjs**.
- **Crypto Builder** : Full stack Web Application to make cryptocurrencies on Solana Blockchain without any coding required. Front end made using **Reactjs** and **React-bootstrap**. Backend made using **Nodejs** and **ExpressJs** for **REST** api, **Bash scripting** for server side automation and **Mongodb** for database.

### Cybersecurity Bootcamp

Dec 2019 - Jan 2020

Microsoft bootcamp in affiliation to IIT Bombay Techfest

## PROJECTS

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- **Polymetalz.com** : Polymetalz startup's portfolio and lead generation website made using **Next.js**, **Tailwind** and custom **Zoho** forms.
- **OnlyPaws**: **React Native** app which uses **Reddit** apis and displays cats and dogs media from multiple subreddits.
- **Pycowin**: **Opensource** desktop app which alerts you when vaccination slots are available in your area. Written using **Python**, **QT** and **COWIN** APIs. Available for **Linux** and **Windows**.
- **Asus-Ess** : Automation scripts for setting up **Linux** machines. Written in **BASH**.
- **Asus-Rog-Rgb** : **Opensource Linux** app for managing keyboard RGB written using **C**, **GTK** and **BASH**. Made a gnome extension for the same using **JavaScript** and **Node.js**.
- **CTF Challenge**: Created **CTF** challenge for beginners.
- **Refind-minimal-drunckj**: Theme for **rEFInd** Bootloader.
- **Mirrorscript** : **Bash** script to auto select fastest mirror for **Void Linux**.

## OPENSOURCE CONTRIBUTIONS

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- **Pulseeffects-Presets** : Script for installing audio presets for **Pulseeffects** which is a sound optimizer for **Linux**.
- **Gnome-X11-Gesture-Daemon** : Wrote **Makefile** and **Systemd** unit files for gesture daemon.
- **Boostnote-app** : Won bounty for fixing **Linux** packaging issues.

## EDUCATION

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- **Jain University (Bengaluru)** 2019-2023  
**B. Tech in Computer Science with specialization in Cloud Technology and Information Security**  
**CGPA: 8** (out of 10)
- **Stella Maris Inter College (Lucknow)**  
**Class 12 (CISCE Board):** Percentage: 79%  
**Class 10 (ICSE Board):** Percentage: 90%

## TOOLS & SKILLS

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- **Programming and Scripting:** C, Python, GO, Bash, Java, JavaScript, HTML, CSS, Typescript
- **Databases:** MongoDB, Postgres
- **Frameworks and Libraries:** ReactJS, Nodejs, Spring boot, Expressjs, GTK, QT, Tkinter, Solana Blockchain, Metaplex, Candymachine
- **Tools:** Nmap, Wireshark, Burp suite, Metasploit, KVM,
- **QT-Design, Glade, Docker, Kubernetes**
- **Platforms:** Experienced with most Linux Distros (Debian, RHEL, Gentoo, Arch, OpenSUSE, Fedora, Void)

## INTERESTS AND PERSONAL GROWTH

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- Cybersecurity
- Cloud Computing
- CTF challenges
- Linux Distro-hopping
- Home lab with KVM hosted exploitable VMs
- Android Custom Rom Development
- Gaming