


# PRAKHAR KATYAYAN

## Full Stack Developer

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 Website  LinkedIn  Github

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### PROFESSIONAL SUMMARY

Experienced developer adept in Java, HTML, CSS, JavaScript, and Bootstrap. Skilled in Drupal, Wordpress, OpenShift, Kubernetes, Django, and ReactJS. B.Tech from VelTech Technical University. Previously contributed to CITES (UN) and currently employed at CERN, managing a network of 1200+ websites. Proficient in CMS like Drupal, Wordpress and web app development using React, Angular and Django.

### EXPERIENCE

#### Full Stack Developer | CERN : European Organization For Nuclear Research

APRIL 2022 –PRESENT, GENEVA

- Led front-end development for CERN's Drupal-to-WordPress migration, creating a custom WordPress theme using ReactJS, JavaScript, and PHP powering a unified web ecosystem for 15,000+ users.
- Contributed to Drupal-to-WordPress migration tool leveraging Drupal's JSON API and WordPress REST API, enabling automated migration of nodes, content, media, and custom theme configurations supporting the transition of CERN websites to a unified WordPress platform at scale.
- Oversaw the management of 1,200+ Drupal websites, handling compatibility with core, contributed, and in-house modules, while enhancing performance and user experience across CERN's digital platforms.
- Served as the primary point of contact for UI/UX improvements, aligning design updates with stakeholder needs and CERN branding standards to improve usability and engagement.
- Mentored technical students in the Web Team, guiding their work on Drupal and WordPress projects while fostering collaboration and knowledge transfer.
- Administered Kubernetes clusters using GitOps workflows with Helm/Kustomize configurations, while operating observability and ingress systems including Grafana to monitor service health.
- Developed Python-based internal tools supporting CI/CD workflows, automated testing, image validation, content quality checks, and configuration tracking across 1,200+ websites reducing manual overhead and improving deployment reliability.

#### Developer | UNITED NATIONS : CITES

DECEMBER 2021 – MARCH 2022, GENEVA

- Maintained and developed the CITES Drupal-based website, ensuring stability, performance, and adherence to UN web standards.
- Led the web development of the digital platform for the 74th Standing Committee meeting, supporting a seamless virtual experience for international delegates.
- Collaborated with the Secretariat to deliver tailored digital solutions, ensuring content accuracy, usability, and timely delivery across high-profile initiatives.

#### Technical Student | CERN : European Organization For Nuclear Research

OCTOBER 2020 –NOVEMBER 2021, GENEVA

- Contributed to the Drupal 7 to 8 core version migration, ensuring compatibility for CERN's custom themes and in-house modules while maintaining PHP code integrity across the web ecosystem.
- Provided hands-on support, maintenance, and development for CERN's extensive website fleet, collaborating with the CERN community to improve digital services and user experience.
- Developed features for internal web applications including CERN's directory service and *myCERN* campus web app, using React for the front end and Django for the back end.

## EDUCATION

**MS Data Science : AI & ML | University of Liverpool**

2025 – 2026, ONLINE

CGPA : 3.65/4 (2025 - Present)

**B.Tech | Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology**

2017 – 2021, CHENNAI, INDIA

CGPA : 8.58/10

## SKILLS

**Web Technologies** | UI/UX, HTML, CSS, Drupal, Wordpress, ReactJs, Angular, .Net, Django, Node.js

**Platform & Infrastructure** | GitOps OpenShift, Kubernetes, Docker, Helm, Kustomize, GitOps

**CI/CD & DevOps** | Git, Docker, GitHub, CI/CD Pipelines

**Observability & Ops** | Grafana, OpenSearch, Incident Response, Monitoring

**Languages** | Java, Python, JavaScript, TypeScript, PHP

**Tools** | Git, Jira, Docker, Figma, ServiceNow, Matamo

**Database** | MySQL

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