

PRAKHAR KATYAYAN

Full Stack Developer



Geneva, Switzerland |



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Website



LinkedIn



GitHub

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. 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.
- Developed internal tools in Python to support CI/CD workflows, implementing automated testing, image validation, and content quality checks for efficient and reliable website releases.
- Collaborated with infrastructure teams using OpenShift and Kubernetes to maintain platform stability, resolve cross-environment issues, and streamline deployment processes.
- 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.
- Created backend Python scripts for configuration tracking and automated reporting across 1,200+ websites, enabling scalable customization management and infrastructure optimization.

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 : 3.0/4 (2025 - Present)

MS Data Science | University of Arizona

2023 – 2025, ONLINE

CGPA : 3.75/4 (2023 - 2025)

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, OpenShift, Kubernetes

Languages | Java, Python, JavaScript, TypeScript, PHP

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

Database | MySQL

Others | Numpy, Pandas, Machine Learning
