

# Kunal Raut

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## Summary

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Experienced Full Stack Developer with over 3 years of expertise in developing resilient web applications. Proficient in Python, JavaScript and Drupal with a strong focus on crafting scalable systems. Acknowledged for adept problem-solving abilities and unwavering dedication, leading to significant contributions to impact projects. Consistently delivers exceptional results and drives efficiency in dynamic settings.

## Skills

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Programming	Python, Flask, FastAPI, SQL, JAVA, C, C++
Web	Drupal, HTML, CSS, Typescript, Javascript, React Js, Bootstrap, NPM
Tools	Docker, Postgres, Git, Postman, JIRA
Personal	Problem solving, Self motivated, Quick learner, Team player, Empathetic

## Experience

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Prodapt Solution Pvt Ltd.

Jul 2021 - Present

SOFTWARE ENGINEER

- React Developer
  - Contributed to React project development, ensuring effective frontend integration.
  - Collaborated with team members to streamline processes and achieve project milestones.
  - Implemented React best practices to enhance performance and user experience.
  - Participated in code reviews and contributed to team learning sessions.
- Drupal Developer
  - Managed Drupal Migration project, facilitating successful system transitions.
  - Provided guidance to junior developers, aiding in resolving migration challenges.
  - Engaged with the Drupal community through knowledge sharing and forums.
  - Implemented responsive design principles and cross-browser compatibility.

## Education

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Lakshmi Narain College of Technology, LIT, Indore

Aug 2017 - Aug 2021

BACHELOR OF COMPUTER SCIENCE & ENGINEERING

BITS Pilani

Jan 2024 - Present

MASTERS OF COMPUTER SCIENCE & ENGINEERING - PURSUING

## Projects

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HPBX

DRUPAL, PHP, MARIADB [FULL STACK DEVELOPER]

- Hosted PBX operates on a cloud infrastructure, accessible through an IP network, eliminating the need for hardware and software management.
- LGI provides a cloud-based HPBX product in Europe, featuring a Drupal-based self-care portal developed by Ziggo.
- Currently, LGI operates two portals (NL and PE versions), with plans to merge NL into PE, becoming the future portal for four countries.
- The HPBX portal, developed in PHP and Drupal, utilizes Sipwise APIs to provision devices and creates custom themes for Drupal, tailoring the interface to country/affiliate branding.

## NeMA (Network Element Management Abstraction)

JAVASCRIPT, TYPESCRIPT, REACT JS [FRONTEND DEVELOPER]

- I excel in automating processes and integrating systems to boost efficiency. I've streamlined workflows by connecting frontend interfaces with RESTful APIs for seamless data exchange.
- I design reusable and modular components within React applications, enhancing code maintainability and scalability.
- I implement robust error handling strategies, utilizing React features to gracefully manage exceptions and ensure uninterrupted user experiences.
- I leverage Docker for containerizing and deploying React applications, enabling efficient deployment and scalability across different environments.

## Personal Projects

PYTHON, OPEN CV, NUMPY, PANDAS

- Covid-19 news tracker
- Image text extractor
- Wall crack detection
- Campus recruitment prediction
- Object detection

## Personal Websites

- <https://kunalraut.netlify.app/>
- <https://live-gamer-area.pantheonsite.io/>

## Certifications

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Python Basic : hackerrank, Introduction to programming using python : Coursera, Machine Learning Foundation: Coursera, SQL for Data Science: Coursera, C for Everyone: Coursera