

KRISHNARAJ SINGH BAIS

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Summary

Results-driven **Software Developer**, skilled in **Python, Django, REST APIs, JavaScript, React** and **database optimization**. Adept at building scalable, secure, and high-performance applications with clean, maintainable code and aligning deliverables to business goals.

Experience

Innovative Stack Technologies PVT LTD (Cloud Zappy)

Jun 2025 – Present

Software Developer

Indore, M.P (Onsite)

- Built and maintained the **DataHack Summit** platform for **Analytics Vidhya**, managing 100K+ concurrent users during events.
- **Planned and optimized REST APIs** (Django DRF) with PostgreSQL, reducing response time by **35%** under peak load.
- **Executed** secure modules for **registrations, workshops, and live sessions**, ensuring zero downtime.
- Enhanced frontend with HTML/CSS/JS & AJAX for real-time interactions and a seamless user experience.

IT Geeks Technologies PVT LTD

Apr 2024 – May 2024

Software Developer

Dewas, M.P (Onsite)

- Developed and maintained a high-traffic web app (**150K+ monthly users**) with **Python, Django, React**.
- Integrated **third-party APIs**, reducing integration time by **25%** through reusable modules.
- **Applied** role-based authentication and optimized backend for faster load speeds.
- Collaborated with design and product teams to convert business needs into scalable tech solutions.

Projects

Analytics Vidhya – DataHack Summit 2025 | [Project Link](#)

- Developed and deployed **RESTful APIs** using **Python** and **Django REST Framework (DRF)** for **session registrations, workshop enrollments**, and multiple **event modules**, ensuring **scalability** for thousands of participants.
- **Developed PostgreSQL** database schemas and integrated APIs with **responsive frontends** using **HTML, CSS, JavaScript, and AJAX** for **real-time interaction**.
- Collaborated with **cross-functional teams** to deliver features under **tight deadlines** with **zero downtime** during the 4-day hybrid event.
- **Applied validation, authentication, and query optimization** to enhance **security, accuracy, and performance**.

Absolute Barbecues – Buffet Management System |

- Created a full-stack restaurant management solution (**PHP, MySQL, JS**) for orders, menus & reservations.
- I enforced CRUD operations and enabled real-time updates without page reload using **AJAX**.
- Optimized backend & DB queries, cutting page load time by **30%**.
- Led feature planning, coding, and deployment phases ensuring on-time delivery.

Skills

Programming Languages: Python, JavaScript, PHP, HTML, CSS

Frameworks & Libraries: Django, Django REST Framework, React, AJAX

Databases: MySQL, PostgreSQL

Tools & Platforms: Git, GitHub, VS Code, Linux, REST APIs

Soft Skills: Leadership, Collaboration, Adaptive Learning

Education

Shri Vaishnav Vidyapeeth Vishwavidyalaya

Aug 2020 – Jul 2024

Bachelor of Technology in Computer Science Engineering (7.92 CGPA)

Indore, M.P

Certifications

Introduction to Web Development with HTML, CSS, JavaScript | IBM | [Certificate Link](#)

Crash Course on Python | Google | [Certificate Link](#)

Python Basic | University of Michigan | [Certificate Link](#)

Python Essentials 1 and 2 | Cisco | [Certificate Link](#)

Get Started with Python | Google | [Certificate Link](#)