

## Karan Singh Tomar

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### Education

#### GLA University

Bachelor of Technology, Computer Science. CGPA - 8.04

Mathura, U.P.

August 2019 - May 2023

### Skills & Interests

**Web Technologies:** JavaScript, SQL, Django, HTML, CSS, React, Solr, Rest API, Elastic Search

**Programming Languages:** Java, Python

**Software Tools:** Git, Gitlab, Devtron, Docker, Jenkins, Grafana

### Experience

#### Careers360

Gurugram, Haryana

#### Software Developer

January 2023 – Present

- Developed scalable backend systems using Python and Django framework, handling high volumes of traffic and ensuring optimal performance under heavy loads, contributing to approximately 80% of the project's success.
- Designed and developed interactive author, country, and webinar pages, showcasing versatility and proficiency. Enhanced user engagement and navigation experience through intuitive and visually appealing page layouts.
- Optimized database queries and data models to improve application performance, resulting in a 30% reduction in response time and enhancing overall user experience.
- Revolutionized operations by transitioning 40% of the monolithic codebase into a flexible microservices architecture, amplifying system agility and resilience. This overhaul not only streamlined development processes but also boosted scalability to effortlessly meet the ever-evolving needs of the business landscape.
- Implemented backend optimizations resulting in a substantial traffic increase, directly contributing to a revenue upsurge for the company. Leveraged strategic technical solutions to enhance user experience and scalability, driving notable business growth.

#### DelveInsight Business Research LLP

New Delhi, Delhi

#### Full Stack Developer Intern

January 2022 – April 2022

- Assisted in the development and testing of backend functionalities, collaborating closely with senior developers to implement feature enhancements and resolve bugs promptly, contributing to around 40% of the tasks.
- Supported the integration of third-party APIs and services, gaining valuable exposure to various technology stacks and refining troubleshooting skills in a vibrant, real-world environment, with an estimated contribution of 50%.
- Demonstrated a forward-thinking attitude and eagerness to learn by quickly adapting to new tools and technologies, making meaningful contributions to project deliverables and team objectives throughout the internship period, with an estimated input of 60%.
- Actively participated in brainstorming sessions and provided innovative solutions, accounting for approximately 70% of the team's issue resolution initiatives.

### Projects

#### Dysmech Competency Services Website

- Spearheaded a significant portion of the development effort for a cutting-edge website project, utilizing front-end and backend technologies to ensure a seamless user experience. Contributed significantly to design and implementation, aligning closely with project objectives and user needs.
- Collaborated with cross-functional teams to translate complex concepts into website features, driving 70% of the integration efforts. Facilitated real-time data visualization and interactive elements, enhancing user engagement and understanding.
- Implemented 80% of the security measures and performance optimizations for the website project, ensuring reliability and scalability in handling data streams. Anticipated and addressed challenges, resulting in a responsive and high-performing website that surpassed expectations.