# DEEPANSH KATARIA

## SOFTWARE ENGINEER

## CONTACT

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## SKILLS

*Hard Skills:*

**Database Management**
- SQL
- PostgreSQL

**Front-End Technologies**
- HTML, CSS, JavaScript
- Bootstrap
- Tailwind CSS

**Version Control**
- Git, GitHub, GitLab

**Agile Methodology**

*Soft Skills:*
- Communication
- Problem Solving
- Teamwork
- Open to feedback
- Time Management
- Adaptability

*Programming Languages:*
- Python
- JavaScript

*Frameworks:*
- Django
- Django REST Framework

*Development Tools:*
- Visual Studio Code, PyCharm
- Postman (API Testing)
- Nulab, JIRA Software

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## EDUCATION

**B.Tech - Computer Science & Engineering**

### Chandigarh Group of Colleges

2019-2023

I learned strong programming skills, problem-solving abilities, and collaborative project experience

## WORK EXPERIENCE

### Python Engineer

Roboprenr Advanced Learning LLP                    *July 2023 - Present*

- Spearheading the enhancement of the existing website, focusing on solving intricate customer problems and improving user experience.
- Collaborating closely with cross-functional teams to analyze user feedback, identify pain points, and implement targeted solutions.
- Utilizing advanced Python programming skills to develop robust, scalable, and efficient backend solutions.
- Implementing innovative features, ensuring the website remains cutting-edge and competitive in the market.
- Conducting rigorous testing and debugging procedures to optimize website performance and minimize downtime.
- Actively participating in code reviews and knowledge-sharing sessions to promote best practices and maintain high coding standards within the team.

### Python Engineer Intern

Roboprenr Advanced Learning LLP                    *Feb 2023 - July 2023*

- Excelled in Full Stack development, demonstrating proficiency in HTML, CSS, JavaScript, Django, and PostgreSQL.
- Successfully contributed to the creation of interactive and visually appealing frontend interfaces, enhancing user engagement.
- Actively participated in database design and management, ensuring data integrity and seamless integration with frontend components.
- Played a key role in identifying optimization opportunities, resulting in a significant improvement in website loading speeds and overall performance.
- Displayed a passion for solving complex technical problems, leading to the successful resolution of challenging development hurdles.
- Took on the role of a Python instructor, sharing knowledge and expertise with peers, fostering a collaborative and learning-oriented environment within the team.

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## PROJECTS

### Portfolio Website for Fire Safety Firm

- Developed a dynamic and secure Django-based portfolio website for a fire safety firm, enabling them to manage and display staff profiles efficiently.
- Implemented a robust user authentication system to ensure that only legitimate employees could access the platform.
- Designed a unique feature where each staff member's ID card included a QR code, allowing easy verification of their identity.
- Enabled clients to scan the QR code, redirecting them to the corresponding employee's personal profile webpage, ensuring transparency and building trust between the firm and its clients.
- Utilized Django's ORM to create a database schema that efficiently stored employee data and allowed for seamless retrieval and display on the website.
- Implemented responsive design principles, ensuring the website functioned flawlessly across various devices and screen sizes, enhancing user experience.
- Employed Django's built-in security features to safeguard sensitive information and prevent unauthorized access, ensuring data integrity and client confidentiality.