

Jaya Gupta

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WORK EXPERIENCE

Software Developer - Thoughtworks

July 2022 – Present

- **Developing and deployed** scalable applications as a Full Stack Developer, working on **frontend technologies (React, Redux)** and **backend technologies (Java, Kotlin, Spring Boot)**.
- Implemented **Agile methodologies** and **Test-Driven Development (TDD)** to enhance **code quality** and **maintainability**, resulting in a **30% reduction in bug reports** and improved **integration efficiency** across **microservices**.
- Contributed to an 8-member team, **utilized Docker, Kafka, and Kubernetes** for **containerization**, and **deployment**.
- Enhanced user-friendliness upto **10% by identifying and resolving bugs** through direct interaction with **users, gathering feedback, and implementing solutions** to improve the overall user experience.

Python/Django Developer Intern - Across The Globe

July 2021 – January 2022

- **Worked** in a small team of 2, taking responsibility for **key project tasks** under the guidance of a **Team Lead**.
- Developed a web portal using **Python** and **Django**, enhancing **backend performance** by **30%**.
- **Designed** REST APIs in Django for frontend integration and data handling using RESTful services.
- Created and managed **CRUD operations** to support interactive web applications, increasing **user engagement** by **40%**.

Blog Writer Intern - Professional Cipher

May 2021 – June 2021

- **Authored** more than 5 tutorials on Django, covering **backend development** and project implementation.
- **Created content** related to **Django web framework** and its application, which was posted on **StudyGyaan**.
- **Engaged** with readers through **feedback** and **discussions**, improving content **quality** based on their suggestions.

Technical Skills

- **Programming Languages:** Python, Java, JavaScript, HTML, CSS, SQL, PostgreSQL, MySQL
- **IT Constructs:** Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP), Operating Systems, DBMS
- **Frameworks:** Spring Boot, Django, React, Redux
- **Testing & Methodologies:** JUnit, React Testing Library, TDD
- **DevOps:** Docker, Kubernetes, Kafka, CI/CD pipelines
- **Familiar With:** C, C++, Golang, Kotlin, Machine Learning, Deep Learning, Git, Agile Practices, Microservices, API development

EDUCATION

B.Tech - Information Technology.	HMRITM	CGPA - 9.3	April 2018 – April 2022
Higher Secondary Education	M.M Public School	CGPA - 8.9	April 2016 – April 2017
Secondary Education	Vishal Bharti School	CGPA - 9.4	April 2014 – April 2015

Key Projects

Travel Website

- **Description:** Prepared a **full-stack** travel website featuring an **admin dashboard** and inquiry forms for user interactions. The project was designed independently, including **frontend** and **backend development** as well as **UI/UX design**.
- **Technologies Used:** React, Django, SQL, Redux
- **Key Contributions:** Designed and **implemented** the admin dashboard, managed inquiry forms, and ensured seamless integration between frontend and backend. **Delivered** the project within **1 month**, enhancing the client's business by 20% post-launch.

FPS - Frame Per Second

- **Description:** Collaborated on a **proof-of-concept (PoC) project** to create an internal video portal for the organization to streamline onboarding and centralize video tutorials.
- **Technologies Used:** Spring, React, Java, PostgreSQL
- **Key Contributions:** Analyzed **frontend and backend components**, ensured seamless integration, and adhered to **Agile practices**. Worked with peers to ensure project success. **Lead** a team of 8 freshers, ideated and deployed it timely.

ACHIEVEMENTS

- Pre-Finalist for **Microsoft Imagine Cup 2022** under Earth category among 2000+ participants.
- Achieved 1st Position in Webathon- 2020 organized by **Progate**.
- Ranked 2nd position in college academics.