

SHASHWAT UPADHYAY

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PROFESSIONAL SUMMARY

Results-driven Full Stack Developer with hands-on experience in building scalable web applications using Django, React.js, and REST APIs. Proficient in database management (MySQL, PostgreSQL), caching (Redis), and asynchronous task handling (Celery). Skilled in problem-solving and collaborative development, with a strong foundation in Python, Java, R, and NLP. Passionate about creating efficient, user-friendly web solutions.

EDUCATION

- Bachelor of Computer Applications (BCA) - IBM (AI Specialization)
- United University, Prayagraj, Uttar Pradesh | [2023]
- Higher Secondary (12th) : Allahabad public School , Prayagraj , Uttar Pradesh
- Secondary (10th) : Allahabad Public School, Prayagraj, Uttar Pradesh

CERTIFICATIONS

- Python Certification – IBM
- Machine Learning Certification – IBM

TECHNICAL SKILLS

- Languages: Python, JavaScript, Java (Basics), R, SQL
- Frameworks/Libraries: Django, Django REST Framework, React.js, AJAX
- Databases: MySQL, PostgreSQL
- Tools/Technologies: Redis, Celery, ORM, Caching, HTML, CSS, REST APIs
- Other Skills: Problem Solving, NLP, Collaborative Development

PROJECTS

1 Learning Management System (LMS)

- Built a web-based LMS using Django REST API (backend) and React.js (frontend).
- Implemented user authentication, course management, and interactive UI, used by 200+ students

2 Product Recommendation System using NLP

- Developed a recommendation engine leveraging Natural Language Processing (NLP).
- Integrated it with a Django backend and created API endpoint.

3 ERP Management System for Schools

- Created a comprehensive ERP system to manage school operations, including attendance, grading, and scheduling.
- Utilized Django ORM for database interactions and MYSQL for data storage.

4 Event Management System

- Designed and implemented a web-based event management platform.
- Features include event scheduling, different user access control, ticket generation and verification, participant registration, certificate validator and notifications using Celery. used by 1500+ students

JOB EXPERIENCE

- **Full Stack Developer | Allswift Solutions** [Duration: 03/06/2024 – 02/01/2025]
- Developed and deployed a company website using React.js, increasing user engagement by 25%.
- Built a Learning Management System (LMS) that streamlined internal training, reducing manual efforts by 40%.
- Integrated Redis caching and Celery for asynchronous tasks, enhancing application performance by 30%.
- Collaborated with cross-functional teams in an Agile environment to deliver high-quality web solutions.

SKILLS & ACHIEVEMENTS

- Delivered 4 end-to-end web applications, showcasing expertise in full-stack development.
- Improved application performance by 30% using Redis caching and Celery task queues.
- Strong problem-solving skills, successfully resolving complex real-world challenges.
- Team collaboration, Agile development, API integration, and effective communication.