

Ayush Kumar

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SKILLS

Full Stack Development: MERN Stack, Django + React, REST APIs, Authentication, Database Design, Deployment

Programming Languages: C++, JavaScript, TypeScript, C, PHP, Python

Frameworks: Django, React.js, Next.js, Node.js, Express.js, React Native

Frontend: HTML, CSS, Bootstrap, Tailwind CSS

Backend: REST API, JWT Auth, OAuth, Firebase

Databases: MySQL, MongoDB, PostgreSQL

Tools: Git, GitHub, Postman, VS Code, Linux, Firebase, Cisco Packet Tracer

Soft Skills: Problem-Solving Skills, Team Player, Project Management, Adaptability

INTERNSHIP

Celebal Technology

June 2025 – August 2025

Full Stack Developer

- Engineered a full-stack Appointment Booking System using **Node.js**, **Express.js**, **MongoDB**, which improved scheduling speed and platform scalability.
- Implemented **JWT authentication**, file uploads, and automated email notifications, increasing system security and user engagement.
- Coordinated with cross-functional teams to align technical and functional requirements, ensured smooth delivery of features.
- Optimized API performance and resolved production issues, reducing response time by **30%** and enhancing user satisfaction.

Incupad India Pvt. Ltd.

March 2024 – November 2024

Full Stack Developer

- Spearheaded frontend development for an AI-based chatbot using **React.js** and **Tailwind CSS**, delivering a responsive and user-friendly interface.
- Integrated **Firebase Authentication** and **Google Services** to enhance platform security and streamline user access.
- Constructed and connected **Django RESTful APIs**, enabling efficient communication between frontend and backend systems.
- Partnered with backend developers, AI specialists, and project managers to meet technical and functional goals.
- Resolved production-level issues and implemented optimizations to improve chatbot performance, scalability, and user satisfaction.

Banao Technologies

August 2023 - March 2024

Python Django Developer Intern

- Developed high-performance backend modules using **Django** and **DRF**, enabling smooth and secure data exchange.
- Executed **JWT + OAuth** (Google Sign-In) for advanced authentication, improving login success rate and system security.
- Integrated **AWS (boto3)** and managed MySQL/PostgreSQL databases using **mysqlclient** and **psycopg2**, ensuring reliable cloud storage.
- Enhanced database performance through query optimization and secure configuration, improving backend efficiency by **25%**.

Atilla Technology

January 2023 – August 2023

Full Stack Developer

- Developed scalable backend systems using **Django**, **PHP Laravel**, and **JavaScript**, delivering reliable and modular applications.
- Integrated third-party services such as **Google APIs** and **Razorpay**, improving payment workflow and system functionality.
- Coordinated with cross-functional teams to align requirements and ensured smooth delivery of features.
- Resolved major bugs and optimized load times, increasing system efficiency by 35%.

PROJECTS

MicroCourses Platform:

September 2025 – October 2025

- Created a dynamic online learning platform that offers micro-courses with progress tracking and certification.
- Designed and implemented a responsive frontend using **React.js** and **Tailwind CSS** for an intuitive user experience.
- Built **RESTful APIs** using **Django** to manage courses, enrolments, and student performance analytics, improving system efficiency.
- Integrated Firebase for real-time notifications and authentication.
- Added a certificate generation module to automatically issue verified completion certificates.
- Implemented course recommendation logic to suggest personalized learning paths for users.
- Built an admin panel to manage courses, instructors, and users efficiently.
- Project selected and developed during a hackathon conducted by a reputed company, showcasing teamwork, innovation, and technical proficiency.

Tech: Next.js, Django, PostgreSQL, Tailwind CSS, Firebase, REST API, React.js

Link: <https://microcourses-frontend.vercel.app/>

NyayDetect Game:

November 2024 – February 2025

- Designed an interactive web-based gaming platform offering a seamless user experience.
- Utilized **Next.js** for building a fast, modern, and responsive frontend interface.
- Engineered a robust backend using **Django**, ensured secure and scalable **API** integration.
- Employed **PostgreSQL** for efficient data storage and management of user and game data.
- Ensured smooth user interactions with features like real-time game updates and dynamic routing.
- Integrated frontend and backend for efficient data fetching and improved performance.
- Designed a mobile-friendly and visually appealing UI to enhance user engagement.
- Focused on scalability and responsiveness to handle future growth and feature expansion.

Tech: Next.js, Django, PostgreSQL, Tailwind CSS, REST API, React.js

Link: <https://neo-games.vercel.app/>

EDUCATION

Lovely Professional University

Punjab, India

Master of Computer Application - Computer Application; **CGPA: 8.1**

Since 2024

Purnia University

Purnia, Bihar

Bachelor of Computer Application - Computer Application; **Percentage: 73.53%**

2020- 2023

BBM High School

Purnia, Bihar

12th with Science(PCM); **Percentage: 75%**

2019- 2020