Ayush Kumar

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SKILLS

- **Languages**: C++, JavaScript, C, PHP, Python, Linux
- **Frameworks**: HTML and CSS, Bootstrap, NodeJS, React, Next.js, Tailwind CSS, React Native
- **Databases:** MySQL, MongoDB, PostgreSQL
- **Platforms & Tools:** Git, GitHub, Postman, Firebase, VS Code
- **Soft Skills**: Problem-Solving Skills, Team Player, Project Management, Adaptability

INTERNSHIP

Celebal Technology   June 2025 – August 2025
Full Stack Developer

- Developed a full-stack Appointment Booking System using Node.js, Express.js, and MongoDB, delivering a scalable and efficient platform for managing appointments.
- Implemented JWT authentication and integrated features for file uploads and email notifications, enhancing system security and user experience.
- Collaborated with cross-functional teams to meet technical and functional goals, ensuring a smooth project workflow and high-quality deliverables.
- Optimized system performance, solved real-time issues, and ensured a seamless user experience, improving overall system scalability and user satisfaction.

Incupad India Pvt. Ltd.   March 2024 – November 2024
Full Stack Developer

- Led 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.
- Developed and connected **Django RESTful APIs**, enabling efficient communication between frontend and backend systems.
- Collaborated with backend developers, AI specialists, and project managers to meet technical and functional goals.
- Solved real-time 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 services using Django 4.2.6, building RESTful APIs with Django REST Framework (DRF 3.14.0) for smooth data exchange.
- Implemented secure authentication using JWT and OAuth 2.0 with Google Sign-In, improving access control and login experience.
- Integrated AWS services via boto3 and managed databases using mysqlclient and psycopg2, ensuring efficient cloud storage and reliable data management.
- Optimized database performance and handled secure configuration, ensuring scalability, code efficiency, and improved query performance.

Atilla Technology   January 2023 – August 2023
Full Stack Developer

- Specialized in backend web application development using Django, PHP Laravel, and JavaScript technologies, building robust and scalable applications.
- Integrated third-party APIs like Google and Razorpay for payment processing, enhancing functionality and user experience.
- Collaborated with cross-functional teams, facilitating effective communication and problem-solving to achieve project milestones.
- Implemented optimizations and solved real-time issues, improving performance, scalability, and user satisfaction.

PROJECTS

Smart Disaster Alert & Response System: February 2025 – April 2025

- Developed a real-time disaster alert system to deliver timely emergency updates and manage relief resources.
- Integrated **OpenWeather** and **Google Maps APIs** to fetch live disaster and location data.
- Enabled location-based alerts and notifications to inform users in affected areas.
- Implemented an **SOS feature** allowing users to send distress signals to registered help centres.
- Managed tracking of essential resources like food, water, shelter, and medical supplies.
- Built **offline mode support** to ensure users can access critical information without internet.
- Applied **multithreading** in the Django backend to improve system responsiveness under load.
- Designed an interactive frontend using **NEXT.js** (web) with **Firebase** for real-time updates and **PostgreSQL** for storage.

Tech: Next.js, Django, PostgreSQL, OpenWeather, Google Maps, Mailtrap, Firebase, React.js.

NyayDetect Game: November 2024 – February 2025

- Developed an interactive web-based gaming platform offering a seamless user experience.
- Utilized Next.js for building a fast, modern, and responsive frontend interface.
- Built a robust backend using Django, ensuring 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.

EDUCATION

Lovely Professional University   Punjab, India
*Master of Computer Application - Computer Application; **CGPA: 8.1***   *Since August 2024*

Purnia University   Purnia, Bihar
*Bachelor of Computer Application - Computer Application; **Percentage:73.53%***   *August 2020- August 2023*