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
- **Databases & Platforms**: MySQL, MongoDB, PostgreSQL, VMware
- **Soft Skills**: Problem-Solving Skills, Team Player, Project Management, Adaptability

INTERNSHIP

Incupad India Pvt. Ltd. March 2024 – October 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 and maintained high-performance backend services using Django 4.2.6, ensuring scalability and code efficiency.
- Built and managed RESTful APIs with Django REST Framework (DRF 3.14.0) for smooth data exchange between frontend and backend.
- Implemented secure user authentication using JWT (djangorestframework-simplejwt) and OAuth 2.0 with Google Sign-In, improving access control and login experience.
- Integrated AWS services via boto3 and botocore, and managed static/media files using django-storages, enabling efficient cloud storage workflows.
- Optimized MySQL and PostgreSQL databases using mysqlclient and psycopg2, ensuring reliable data management and improved query performance. ▪ Handled secure and environment-specific configuration using

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 centers.
- 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 **React.js** (web) and **JavaFX** (desktop), with **Firebase** for real-time updates and **MySQL** for storage.

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

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.

CERTIFICATES

- ### *Internship*
Full Stack Developer
March 2024 – October 2024

  - **Node.js Web Development Intern** at **Celebal Technologies** from **June 2025 to August 2025**, where i developed a full-stack Appointment Booking System, implementing JWT for authentication, and integrating features for file uploads and email notifications.

EDUCATION

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

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