

# ANAND KUMAR

## Software Engineer

Vijay nagar, Indore, Madhya Pradesh

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### CAREER SUMMARY:

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To leverage 4 years of experience in Python-based web technologies, including expertise in Django, Django Rest Framework, and OpenAI-based solutions, to deliver innovative and efficient backend and AI-driven applications. Skilled in deployments, designing scalable server-side architectures, and creating RESTful APIs. Seeking opportunities to apply full-stack development skills with JavaScript, React.js, Redux, HTML, CSS, Bootstrap, and Material UI to craft dynamic, user-centric interfaces. Dedicated to effective collaboration within cross-functional teams, employing Git for version control and fostering an environment of innovation and growth.

### WORK EXPERIENCE:

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#### **Techno Exponent Kolkata, West Bengal**

Associate Software Engineer | April, 2024 – Present

- Developed and maintained Python-based applications, ensuring high performance and scalability in production environments.
- Worked on OpenAI-based projects, integrating advanced AI models into applications to deliver intelligent and innovative solutions.
- Collaborated with cross-functional teams to design, develop, and implement features, ensuring alignment with business requirements and user needs.
- Utilized version control systems (Git and GitHub) to manage code efficiently and promote effective team collaboration.

#### **BridgeFix technology, Indore, Madhya Pradesh**

Full Stack Developer | Sept, 2021 – March 2024

- Led Python and Django backend development using Django Rest Framework, implementing Docker for efficient deployment.
- Drove frontend development with JavaScript, React.js, and Redux for dynamic interfaces.
- Actively contributed to Agile teams, conducting code reviews, and staying updated on industry trends.
- Played a key role in the Django Rest Framework project, addressing Jira tickets and ensuring code quality through rigorous unit testing.
- Collaborated with the front-end team to validate software changes and create new APIs for feature enhancements.
- Identified and resolved issues from testing or customer feedback, contributing to robust backend solutions.
- Excelled in React application development, refining components for new and existing features.
- Optimized APIs and the Django admin dashboard through effective collaboration with team members.
- Implemented Grafana for data monitoring, crafting SQL queries for efficient data retrieval.
- Transformed raw data into meaningful insights through visualization tools, enhancing data representation in Grafana for effective monitoring.

#### **Globalsoft technology, Indore, Madhya Pradesh**

Backend Developer | April, 2021 – Aug 2021

- Independently developed and maintained Django backend solutions for various tasks.
- Collaborated with the front-end team to validate software changes and create new APIs for feature enhancements.

- Executed tasks including design, coding, testing, and debugging for Django-based projects.
- Collaborated on Python-based projects, contributing to software development and enhancement.
- Collaborated with the front-end team to validate software changes and create new APIs for feature enhancements.

## PROJECTS:

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### 1. Lifeforce Digital – Transcriptor

Lifeforce Digital – Transcriptor is a real-time voice transcription system that captures user speech, transcribes it, and sends the transcription to a doctor's dashboard for review and action.

Role: Contributed to both frontend and backend development for the project, including the development of the doctor's dashboard using React.js. Additionally, handled the deployment of the Beam server to ensure seamless operation of the transcription system.

Technologies Used: FastAPI, Beam Server, Python

### 2. Web App Comprehensive Exam

A web-based application that enables teachers to create exams, upload student answer sheets, and utilize OpenAI's AI to automatically check answers. The system generates personalized feedback for each student, compiling it into a detailed review sheet.

Role: Focused on backend development, creating APIs for key functionalities such as exam creation, answer sheet uploads, and feedback generation using Django and Django Rest Framework.

Technologies Used: Django, Django Rest Framework (DRF), OpenAI API

### 3. Althub <https://althub.com/>

Althub is an AI-driven data transformation platform that empowers companies across industries to create new revenue streams by transforming their data into powerful first-order alternative data. This data provides unique insights for institutional investors.

Role: Responsible for backend development, including creating new APIs for specific tasks, fixing and optimizing existing APIs, and ensuring efficient functionality of the platform.

Technologies Used: Django, Django Rest Framework, JavaScript, React.js, Ant Design

### 4. Inclusive Labor Monitoring – [Issara institute](#)

Inclusive Labor Monitoring is a web application designed exclusively for Issara staff and their clients. The platform features various dashboards, including Issara staff, supplier, and strategic partner dashboards. It also includes a robust case management system that allows internal teams, suppliers, and supplier partners to create, manage, and track cases from open to close. The system logs all interactions between concerned parties to ensure transparency and accountability.

Role: Developed and enhanced backend functionalities for case management, collaborated on the design of dashboards, and contributed to creating a seamless user experience.

Technologies Used: Django, Django Rest Framework, Docker, JavaScript, React.js, Material UI

### 5. Golden Dreams – [Issara institute](#)

Golden Dreams is a web and mobile application designed to assist job seekers and migrant workers. It provides resources to learn about their rights, working abroad, and offers a platform to exchange information, reviews, ratings, and advice about employers, recruiters, and service providers. The app supports multiple languages, including Burmese, Khmer, and Nepali, to cater to a diverse audience.

Role: Contributed to the development of backend features and RESTful APIs, as well as worked on enhancing the user experience through frontend improvements.

Technologies Used: Django, Django Rest Framework, Docker, JavaScript, React.js, Material UI

### 6. ILM community public dashboard – [Issara institute](#)

Description: The ILM Community Public Dashboard aggregates real-time data from various civil society-led worker voice channels across Asia. It provides visual insights and analytics to support transparency and informed decision-making.

Role: Contributed to the development and optimization of data visualization and integration features, ensuring accurate and real-time representation of aggregated data.

Technologies Used: Grafana, JavaScript, SQL

## 7. Inteer <https://inteer.org/>

Inteer is a static NGO website featuring a landing page, contact page, about page, and other informational content. The platform provides a clean and user-friendly interface to convey the organization's mission and initiatives.

Role: Designed and developed the website, ensuring responsiveness and accessibility across devices.

Technologies Used: HTML, CSS, JavaScript

## 8. Nitrx

Nitrx is a photo and video sharing social networking platform that enables users to upload media, apply filters, and organize content with hashtags and geographical tags. Users can share posts publicly or with approved followers, explore trending posts, and browse content by tags or locations.

Role: Contributed to backend API development for media management and implemented frontend features for user interaction, such as media uploads, filtering, and browsing functionality.

Technologies Used: React.js, Django, Django Rest Framework

## EDUCATION:

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<b>Master of Science</b> <i>Computer Science 70%</i>	2018
Barkatullah University, Bhopal, Madhya Pradesh	
<b>Bachelor of Science</b> <i>Computer Science 67%</i>	2014
Rani Durgawati University, Jabalpur, Madhya Pradesh	

## SKILLS:

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- Languages: Python, JavaScript
- Framework: Django, Django-Rest Framework, FASTApi, Reactjs, Scrapy
- Versioning System: Git, GitHub, Gitlab
- Databases: MySQL, SQLite, Postgres
- Deployment: EC2, S3, Bucket, Beam
- Other: Redux, Material UI, Docker, Grafana, HTML, CSS, Bootstrap, PWA, Web scrapping