CHARNENDRA KAUSHIK

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PROFESSIONAL SUMMARY

Enthusiastic Python Developer with expertise in backend development, RESTful API design, and automated testing. Skilled in Python and FastAPI, with hands-on experience in debugging, scaling backend systems, and database optimization using PostgreSQL and MongoDB. Demonstrated ability to work in dynamic environments, collaborating with cross-functional teams to deliver high-performance solutions. Keen interest in advancing skills in software architecture and data analysis.

EDUCATION

KIRODIMAL INSTITUTE OF TECHNOLOGY   Raigarh, C.G

Bachelor of Technology | Computer Science and Engineering   2020- 2024
University: CSVTU, Bhilai, C.G.

MAHARISHI VIDYA MANDIR   .   Raigarh, C.G
XII | CBSE
percentage: 64.4%   2019- 2020

WORK EXPERIENCE

SDE Intern   Raipur, C.G.| Hybrid

CATAX – Simple Crypto Tax   September 2023 – January 2024

- Designed and developed RESTful APIs using Python and FastAPI, enhancing API efficiency by 20%.
- Integrated APIs with frontend systems, improving user experience by 15%.
- Conducted automated testing to ensure robust error handling and seamless functionality.
- Debugged and optimized code, reducing API development time by 40%.
- Proficiently managed NoSQL databases (MongoDB) and applied relational concepts to enhance data storage.
- Documented development workflows and conducted code reviews to improve team productivity

SKILLS

- **Programming Language:** C, C++, Python
- **Libraries:** Pandas, Numpy, Matplot
- **Framework:** FastAPI
- **Version Control:** Git, Github
- **Database:** Mongodb, PostgreSQL

PROJECT

ASSIST - Caregiving Platform | (FastAPI, MongoDB, OpenAI, Docker, Netlify, AWS EC2)| **link**

Key Responsibilities:

- Developed & optimized APIs for user/caree management, report input/diet generation, & chatbot interaction (Python, FastAPI) - contributing to ASSIST's functionality
- Orchestrated the integration of the OpenAI API, enhancing the chatbot's intelligence and responsiveness to user queries and generate diet based on their report.
- Collaborated on deployment using AWS and Docker, ensuring platform scalability and reliability.
- Designed ER & data flow diagrams for efficient data modeling within ASSIST.