AYUSH PAL

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SUMMARY

Results-driven AI Developer (Python Developer) with over one year of hands-on experience developing and training machine learning models. Highly competent in data analysis, full-stack web development, and Python-based AI libraries. Proven ability to apply strong knowledge of the SDLC and Agile methodologies to deliver technology solutions in a remote environment.

TECHNICAL SKILLS

- ❖ **Programming Languages**: Python, C, PHP
- ❖ **Web Development**: HTML, CSS, JavaScript, React, Bootstrap
- ❖ **Databases**: SQL, MySQL
- ❖ **Framework & Libraries**: Flask, Django, React JS
- ❖ **Development Tools**: Git, GitHub
- ❖ **Software Development Methodologies**: Agile, Scrum
- ❖ **Operating Systems**: Windows
- ❖ **APIs**: Fast API
- ❖ **Cloud Platforms**: Google Cloud Platform
- ❖ **Data Analysis**: Pandas, NumPy, Matplotlib, Tableau
- ❖ **Testing**: Unit Testing, Integration Testing
- ❖ **IDE/Code Editors**: Visual Studio Code, IntelliJ IDEA, PyCharm

PROFESSIONAL EXPERIENCE

PALMDIGITALZ (LET US SUPPORT PVT. LTD.)   **CHENNAI**
AI Developer (Python Developer)   *August 2024 – Present*

- Developed and trained machine learning models using Python libraries like scikit-learn, TensorFlow, Tesseract and Keras, focusing on model training, accuracy and performance.
- Applied data cleaning, transformation, and feature selection techniques using Pandas, NumPy, and Matplotlib to prepare datasets for analysis and model development.
- Worked closely with senior developers and data scientists to implement AI solutions, optimize existing models, and ensure alignment with project goals and requirements.
- Assisted in evaluating machine learning models by testing various algorithms, fine-tuning hyper parameters, and improving model performance through cross-validation and error analysis.

EDUCATION

Bachelor Of Technology (B. Tech) In Computer Science & Engineering
Apollo Institute Of Technology   Kanpur, U. P. / India
CGPA- 7.62   July 2023

- **Relevant Coursework:** Python, Web Development, Data Analytics, Software Engineering

PROJECTS

Online PG Finder

- **Developed a comprehensive Online PG Finder web application** utilizing **HTML, CSS, JavaScript and React JS** for a user-friendly and responsive frontend, allowing users to search and book PG accommodations seamlessly.
- **Built the backend** with **PHP**, implementing server-side logic to handle user requests, process bookings, and manage accommodation data effectively.
- **Designed and integrated a SQL-based database** to store and retrieve PG listings, user information, and booking details, ensuring reliable data management and querying.
- **Ensured cross-platform compatibility** by developing and testing the application to function smoothly across various operating systems, including **Linux, macOS, and Windows**.
- **Implemented features** for advanced search and filtering, user authentication, and booking management, creating a robust and scalable solution for users seeking PG accommodations.

TRAINING

Intern Shala   Remote (Online)
Web Development Trainee   *December 2022 – March 2023*

- **Acquired hands-on experience in web development** by building and deploying dynamic websites using **HTML, CSS, and JavaScript**, enhancing both frontend design and user interactivity.
- **Developed and maintained responsive web applications** with a focus on user experience and accessibility, applying best practices for cross-browser compatibility and mobile-first design.
- **Worked with backend technologies** such as **PHP** and **SQL** to create server-side functionality and database integration, enabling seamless data management and user interactions
- **Utilized version control systems like Git** to collaborate on projects, manage code changes, and contribute to team-based development workflows, ensuring efficient and organized development processes.

CERTIFICATIONS

- Python Programming, IIT Kanpur, August 2021
- Elements of AI, Google Digital, August 2020
- Data Analytics Consulting Virtual Internship, KPMG, August 2023
- Web Development, Intern Shala, February 2023
- Computer System Security, IIT Kanpur, March 2021
- Software Engineering Virtual Experience, JPMorgan Chase & Co. , June 2020
- Fundamentals of Digital Marketing, Google Digital, June 2020
- Industrial IOT, Coursera, January 2020

ACHIEVEMENTS

- **Cleared TCS NQT Cognitive Exam with 70%.**
- Incharge in hosting Cultural Fest in college.
- Organising TechStra Technical Event in college.

ADDITIONAL DETAILS

- **LANGUAGES: English (Fluent), Hindi (Native)**
- **OTHER SKILLS:** Problem Solving, Quick Learner, Leadership and Team Work, Adaptability and Decision Making
- **INTERESTS:** Travelling, Playing Volley Ball, Reading Books, Surfing Through Internet.