Nagaraj Ishwar Tandel

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Career Objective :

o A highly motivated and enthusiastic fresher with strong programming and problem-solving skills, seeking an opportunity to collaborate with the development team to design, implement, and maintain innovative software solutions.

o Eager to contribute to the success of the team while developing skills in software development and ensuring high-quality applications.

Techniacal Skills :

o **Programming Languages :** C, Python, SQL
o **Persistent Technology** : Python
o **Libraries/Tools** : Numpy & Pandas
o **Web Technology :** HTML, CSS, Javascript
o **RDBMS :**   MYSQL
o **Tools/IDE :** Pycharm, Visual Studio Code

Professional Projects :

o **Chatbot for Food Ordering (MERN Stack)**
   • Collaborated with a team to design and implement a chatbot system, writing clean and efficient code in JavaScript and Node.js.
   • Conducted thorough testing and debugging to ensure optimal performance.
   • Integrated user input processing and order management features.
   • Participated in regular code reviews to ensure maintainable and high-quality code.

o **Student Result Management System**
   • Designed and developed a web application for managing student results, ensuring the system was secure, efficient, and maintainable.
   • Implemented SQL queries for database management, and tested thoroughly.
   • Coordinated with the team to deliver the project within deadlines.

o **Hospital Management System**
   • Developed a comprehensive Hospital Management System to efficiently manage hospital operations like patient records, doctor appointments, staff details, billing, and discharge summaries.
   • Implemented CRUD (Create, Read, Update, Delete) functionalities for patients, doctors, and staff using Python and SQL.
   • The system ensures data integrity and allows authorized personnel to access or update the information.

Certifications:

- React JS, Infosys Springboard
- Web Development, Udemy
- Data Science and Artificial Intelligence Internship ,by YBI Foundation
- Python Fullstack ,by Pentagon Space

Education:

- **Bachelor of Engineering (B.E.):** Information Science &Engineering (2025)
  SDM Institute of Technology, Ujire, Dakshina Kannada
  Visvesvaraya Technological University (Persuading)
  SGPA : 8th Sem:9.94 | 7th Sem:9.29 | 6th Sem:9.14 | 5th Sem:7.83 | 4th Sem:8.86 |
     3rd Sem:8.56 | 2nd Sem:8.8 |1st Sem:8.1
  CGPA : 8.82
- **Pre-University Course (P.U.C.)**
  SDM PU College, Honnavar, Uttara Kannada
  Karnataka State Board (2021)
  Percentage: 83%
- **Secondary School Leaving Certificate (S.S.L.C.)**
  New English Medium School, Honnavar, Uttara Kannada
  Karnataka State Board (2019)
  Percentage: 79.20%

Experience:

- **Intern –** TechCity Software (1 Month)
  - Collaborated on developing web applications and debugging existing systems, focusing on enhancing code efficiency and functionality.
  - Integrated databases with web applications to ensure seamless data management.
  - Conducted API testing and provided actionable feedback to improve backend processes.
  - Collaborated on developing web applications and debugging existing systems.
  - Conducted database integration and API testing for enhanced functionality.

- **Python Full-stack Intern** — Pentagon Space (6 Months)
  - Developed web applications using **Django** for the backend and integrated **RESTful APIs**.
  - Worked with **SQL** for database management and optimized queries for better performance.
  - Collaborated with front-end developers to integrate APIs with the user interface (React).
  - Wrote clean **Python** code and debugged issues to enhance app functionality and performance.
  - Gained hands-on experience with web technologies (HTML, CSS, JavaScript)

Technical Summary:

PYTHON

- Good knowledge of concepts like Modules, Exceptions.
- Good knowledge of Dynamic typing, Dynamic Data types.
- Good in Dictionary methods and Python functions.
- Good practical knowledge of Strings, Tuples and Lists.
- Good understanding of Control flow and Looping statements

WEB TECHNOLOGY

- Possessing good knowledge in HTML, CSS and JAVASCRIPT programming's.
- Possessing good knowledge of BOOTSTRAP.

SQL

- Good understanding of RDBMS concepts.
- Comfortable in writing SQL statements like DDL, DML, DQL etc.
- Implemented Joins and subqueries.

DATA ANALYSIS (NumPy & Pandas)

- Intermediate knowledge of NumPy: array manipulation, broadcasting, vectorization, and numerical computations.
- Intermediate knowledge of Pandas: DataFrame operations, data cleaning, grouping, merging, and basic time-series handling.

Declaration:

I hereby declare that the details provided above are true and correct to the best of my knowledge and belief. I take full responsibility for the authenticity of the information provided.

Name: Nagaraj Tandel