DAKSH PUSHPAD

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Portfolio ⬈

SUMMARY

Results-oriented Software Developer with a proven track record of optimizing project outcomes. Skilled in strategic project management and team collaboration. Passionate about learning new technologies and improving system efficiency.

WORK EXPERIENCE

SDE intern, Cloud Counselage Pvt. Ltd.   **July 2024 - Present**

- Successfully developed and deployed a social networking site application similar to LinkedIn, showcasing strong full-stack development skills.
- Gained comprehensive experience in various fields of software development, including frontend technologies (React, Bootstrap), backend technologies (Node.js, Express), database management (MongoDB, SQL), and user experience design.
- Engineered advanced features for enhanced user engagement and interaction, utilizing RESTful APIs, and optimized algorithms, resulting in a significant increase in user retention.

EDUCATION

Bachelor of Engineering in Computer Science and Engineering   **August 2023 - Present**

University Institute of Engineering, Chandigarh University
- Specialization in Artificial Intelligence and Machine Learning.
- Research on "Optimization Techniques in Full-Stack Web Development"

TECHNICAL SKILLS

- **Programming Languages & Frameworks:**
  - **Languages:** JavaScript, Java, C++, Python, and C
  - **Frameworks & Libraries:** Node.js, Express.js, React.js, and EJS
- **Databases:**
  - **NoSQL:** MongoDB
  - **SQL:** MySQL and PostgreSQL
- **Tools & Platforms:**
  - **Version Control:** Git
  - **Cloud Services:** AWS for deploying and scaling applications.
- **Machine Learning:**
  - **Skills:** Decision Trees, Support Vector Machines (SVMs), Neural Networks, Tokenization, and k-Nearest Neighbors (k-NNs) for various machine learning applications.

ACHIEVEMENTS

HackerRank:
- 6-starred in Problem Solving, 5-starred in Java, and 4-starred in multiple categories such as C++, SQL, Python, and C.
- Ranked among the top in several contests, demonstrating a high level of proficiency and consistency in competitive programming.

LeetCode Contests:
- Consistently ranked in the top 16% with a 1600+ rating, solving over 250 problems with efficiency and accuracy, ranked in the top 5% out of all global users.
- Earned multiple badges and maintained a streak of 100+ days, showcasing dedication and expertise.

GeeksforGeeks:
- Achieved a score of 500+ and maintained a streak of 100+ days, solving a wide range of problems and enhancing problem-solving skills.

Certifications:
- Acquired multiple certifications across various platforms, demonstrating a commitment to continuous learning and proficiency in diverse programming skills and technologies.

PROJECTS (All my completed projects are documented in my GitHub repositories.)

1. Wanderlust Travel Site:
 - Developed using the MERN stack (MongoDB, Express.js, React, Node.js) and RESTful APIs to create a dynamic and user-friendly travel booking platform.

2. ChatBot Using OpenAI's API:
 - Designed a chatbot with three levels of complexity: terminal-based, enhanced analytical capabilities, and a GUI-based interface.

3. C Code Compiler:
 - Writing a sophisticated compiler for C that translates preprocessed C files into target assembly language.
 - Involves multiple compilation steps including lexical analysis, semantic analysis, syntax analysis, optimization, and code generation, ensuring efficient and accurate code compilation.

4. ML-Based Neural Network:
 - Built a neural network from scratch using technologies such as NumPy and TensorFlow, demonstrating advanced knowledge in machine learning.
 - Implemented and trained the network for various predictive tasks.

5. LLMOps and MLOps End-to-End Using Azure/AWS:
 - Integrated LLMOps and MLOps methodologies into the development and deployment of machine learning models.

SOCIALS/LINKS