Mangesh Kumar

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OBJECTIVE

I am an MCA student with programming skills in Java and Python. I am looking for an entry-level software development position to gain technical knowledge and experience. I am excited to contribute to innovative projects and grow as a valuable team member.

SKILLS

- **Languages :** Java, Python, Object-Oriented Programming (OOP)
- **Web Development :** HTML, CSS, JavaScript, Fast-API
- **Database :** SQL, POSTGRESQL
- **Data analysis :** Excel

PROJECTS

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  Deepfake Detection Model   *2024*
  Python, TensorFlow, Keras   GitHub Repository

  - **Model Development** Developed a model for detecting GAN-generated fake images using Convolutional Neural Networks.
  - **Data collection** Used datasets like FaceForensics++ to train and evaluate the model, achieving 90% accuracy.
  - **User Interface** Created a user-friendly interface for ease of use by non-technical users.

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  Weather Forecasting Website   *2023*
  HTML, CSS, JavaScript, AWS   AWS

  - **Real-time data** Designed a dynamic website fetching real-time weather data using API calls.
  - **Cloud deployment** Hosted on AWS for scalability and reliability.

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  Library Management System   *2022*
  MySQL

  - **Database management** Developed a MySQL-based system to handle library operations.
  - **Automation** Implemented overdue calculations and managed book/member transactions.

EXPERIENCE

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  Technobook   *S*
  AI and Machine Learning Intern   Remote
  eptember 2024-November 2024
  - **Text summarization** Developed a Python-based text summarization tool using TF-IDF.
  - **Machine learning** Enhanced knowledge of NLP techniques and model implementation.

EDUCATION

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  University of Petroleum and Energy Studies   *2023 - 2025*
  Master of Computer Applications   Dehradun, India

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  Dev Bhoomi Group of Institutions   *2019 - 2022*
  Bachelor of Commerce (Hons.)   Dehradun, India

SOFT SKILLS/HOBBIES

- **Problem-solving** Strong analytical and problem-solving abilities.
- **Communication** Effective communication in technical environments.
- **Teamwork** My favorite sport is football, which helps me develop my teamwork skills.