Komal Gaur

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WORK EXPERIENCE

Spring Time Software Solutions Pvt. Ltd.   **Noida, Utter Pradesh**

Front-end Developer Intern   *Jun 2024 - Present*

- Designed and tested secure login/logout protocols for Cloudpub.in, achieving 99.9% success accuracy and reducing security incidents by 60%.
- Developed dynamic React.js front-end components integrated with REST APIs, improving scalability and user interactivity.
- Optimized performance by addressing bottlenecks, reducing load times by 40%, and enhancing user satisfaction by 25%.

Trainee   *Jun 2023 - Present*

- Optimized data structures in C++ to reduce runtime by 30% for datasets over 1 million entries.
- Implemented algorithms to process large-scale data, improving research efficiency.
- Collaborated with 5 developers on debugging and brainstorming, achieving 95% code accuracy.

Software Testing Intern   *Aug 2022 - Present*

- Collaborated with cross-functional teams to refine user interfaces, boosting user engagement by 20%.
- Provided actionable feedback on UI/UX design during testing phases, enhancing user satisfaction ratings by 30%.

EDUCATION

Government Women Engineering College, Ajmer   **Ajmer, Rajasthan**

Bachelor of Technology in Computer Science   *Graduation Date: Jul 2025*

PROJECT EXPERIENCE

Tadka Tales

Voice-Assisted Cooking App

- Built an Android app using Flutter with a backend in Django REST Framework, deployed on Firebase.
- Achieved 90%+ accuracy in voice commands using Google Speech-to-Text API.
- Fetched and rendered 150+ multilingual recipes using Firebase Firestore in real-time.
- Designed role-based access with admin-level CRUD operations, reducing content update time by 60%.

Personal Expense Tracker

- Built a command-line app in Python for recording and categorizing 500+ transactions with monthly summaries.
- Used file I/O and CSV handling for persistent storage and Matplotlib for basic data visualization.
- Enabled sub-second processing for 1,000+ entries, helping users track budgets effectively.

Smart Disease Prediction App

- Developed a Flask-based web app to predict 40+ diseases using trained ML models (Decision Tree, Naive Bayes).
- Trained on 10,000+ rows of medical data with 85%+ prediction accuracy using scikit-learn.
- Integrated a dynamic REST API for real-time symptom-based predictions in under 30 seconds.

SKILLS

Language: • C++, Python, Javascript and Dart

Frameworks&Tools: • NodeJs, Django, ReactJs, Flutter, MongoDb,FireBase, AWS (Learning)

OtherSkiils: • Git, REST API's, Full Stack Development, Android development, Software Testing and Communication