KHURSHEED RAZZAK GADDI

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PROFESSIONAL SUMMARY

Dynamic Backend Engineer with extensive experience in Python and Node.js, specializing in Generative AI, database management, and creating robust, scalable solutions. Expertise in developing conversational AI applications and integrating cutting-edge technologies to optimize performance and enhance user experience. Passionate about staying updated with the latest tech trends, and committed to delivering high-quality software solutions.

SKILLS

- **Programming Languages:** Python, Node.js, JavaScript, Dart
- **Backend Technologies:** FastAPI, Flask, Express.js, NodeRED.
- **Frontend & Mobile Development:** Flutter (BLoC, Provider, Riverpod, Google Map, Geolocation, RazorPay), ReactJS
- **AI & Machine Learning**: Generative AI, LangChain, Embeddings
- **Tools:** (framework for working with Generative AI),
- **Databases:** PostgreSQL, MySQL, MongoDB, SQL Server, SQLite, Firebase, Hive
- **Local Storage:** Hive, SQFlite, Redis
- **Development Frameworks:** MVC, MVVM, Clean Architecture
- **APIs:** REST APIs, Kafka
- **Cloud & DevOps:** Docker, Kubernetes
- **Version Control:** Git, GitLab, GitHub
- **Development Principles:** SOLID, DRY, Object-Oriented Programming (OOP)
- **Methodologies:** Agile, Clean Architecture

WORK EXPERIENCE

1. **e-Zest Digital Solutions - Software Engineer (Backend) Pune**   **10/2021 - Current**

- **JIMS Virtual Assistant - IOM**
  - RAG-based chatbot with document ingestion for conversational queries.
  - Implemented a feature to escalate user queries if no results are found in the documents, based on user choice.
  - Integrated multi-language support and stored user history for 8 hours per user.

- **Knowledge Assistant and Extractor Affable**
  - AI-based chatbot with dynamic database management.
  - Enabled natural language querying for direct database interaction.
  - Extracted information based on user prompts and exported them into Excel.

- **GenDash Igrafx**
  - Developed a conversational chatbot for creating apps and adding dashboards.
  - Allowed users to add charts to dashboards through natural language commands.

- **WHO - NL Chatbot**
  - Developed both frontend and backend components using Flutter and Python.

- – Created APIs with FastAPI and Flask for seamless communication between frontend and backend.
- – Integrated Generative AI (LLM) using Langchain for natural language processing.
- – Implemented a chatbot capable of querying databases and documents directly.
- – Enabled the chatbot to provide information in natural language format based on user queries.

- **CWT**
  - – Developed UI using Flutter and implemented API integrations following Clean Architecture principles.
  - – Processed Excel data containing hotel booking information with predefined rules.
  - – Assigned tasks to agents for property calls and follow-ups, updating property status accordingly.
  - – Generated and sent status reports to CWT and performed reconciliation on received data.

- **Acti-on AI**
  - – Developed UI using Flutter and integrated APIs for seamless user interaction.
  - – Contributed to backend development with Node.js, focusing on event-driven architecture.
  - – Utilized Kafka to connect with data sources, periodically pulling and pushing data to MongoDB.
  - – Implemented user subscription to Kafka topics for message consumption and event creation.
  - – Designed role assignment functionalities within the system for user management.

2. Dataviv Technologies – SE Intern Mumbai   06/2021 - 09/2021
- **MyMarket**
  - – Developed and managed mobile applications using the Flutter framework, prioritizing state management and enhancing app performance through code optimization.
  - – Integrated APIs and conducted code refactoring to streamline processes.
  - – Guided other developers in adhering to code standards and best practices.
  - – Contributed to backend API development utilizing NodeJS.
  - – Worked on the development and maintenance of both mobile and web applications, gaining experience in API integration with frontend and backend systems.
  - – Participated in Agile methodology and collaborated with cross-functional teams.

3. Freelancing
Genset Canopy (DesignMatix)
- – Developed a SolidWorks-based tool generating 3D models from user inputs.
- – User can import data from Excel sheet and also export in TXT, PDF and EXCEL.

MyMuster (Institute Management App ERP)
- – Developed an app digitizing school/college task, reducing manual efforts in day-to-day operations.
- – Roles and management (Admin, Faculty, Students) with access control.

Clean Architecture Boiler Template
- – Created a Flutter boilerplate using Clean Architecture with MVVM and Riverpod for state management.
- – Included features like environment setup, theming, and routing.

Goods Management
- – Developed an application for local shops to manage goods.
- – Provided functionality for admins to check stock, generate sales bills, and view monthly sales reports.

Live Vehicle Tracking
- – Developed a vehicle tracking app for admins and drivers.
- – Enabled admins to track drivers' live locations on Google Maps.

EDUCATION

B.E Compuer Science, Theem College of Engineering   September 2021

HSC, RMC college of Science and Commerce   October 2017

CERTIFICATIONS

Flutter (Udemy)   September 2020

Python (Udemy)   October 2019

NodeJS (Udemy)   July 2021

ROLES AND RESPONSIBILITIES

- Software Development (Full-Stack)
- Mentoring L1 developers
- L1 Interview Panel
- Project Architecture Setup
- Deployment and Maintenance

ACTIVITIES AND INTERESTS

- **HackerRank** (05/2019 - 2021)
  Earned 3-star ratings in Python and Problem Solving.
- **CSI - Web Competition** (07/2020 - 07/2020)
  Secured 3rd position in CSI's Web Designing Competition.
- **Neon Cricket Champion** (03/2021 - 03/2021)
  Emerged victorious in the Neon Cricket final at Theem College of Engineering.

LANGUAGES

- English (Proficient)
- Hindi (Native)
- Marathi (Basic)