Veeresh Hanni

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Summary

Full-Stack Developer (Fresher) with strong fundamentals in Python, Django, React, and SQL, focused on building web applications and REST APIs through academic projects and internship experience. Passionate about problem-solving, clean code, and continuous learning.

Technical Skills

- ❖ **Languages:** Python, Java, JavaScript, SQL, HTML, CSS
- ❖ **Frameworks & Libraries:** Django, React, Apache Maven
- ❖ **Databases:** MySQL, MongoDB
- ❖ **Developer Tools:** Git, Visual Studio Code, IntelliJ IDEA
- ❖ **Operating System:** Windows, Linux
- ❖ **CS Fundamentals:** DSA, OOP, DBMS, OS, Computer Networks
- ❖ **Backend:** REST APIs, Django ORM
- ❖ **DevOps**: Docker (Basics)
- ❖ **Soft Skills:** Leadership, Problem-Solving, Collaborative, Communication.

Technical Projects

AI Chat App – Pingone (React, Django, SQL, MongoDB) | Live: pingone.onrender.com   *2025 – Present*

- ❖ Developed a full-stack AI Chat Application using **OpenAI's ChatGPT model** for real-time conversational interactions.
- ❖ Built a modern, **responsive UI** in React with a **smooth** and intuitive user experience.
- ❖ Implemented a secure **backend** using **Django**, handling **authentication, APIs**, and AI **request orchestration**.
- ❖ Designed a **hybrid database architecture**:
  - • **MongoDB Atlas** for storing **encrypted** chat messages.
  - • **Managed SQL database (Render)** for structured data such as users, roles, and metadata.
- ❖ **Enabled end-to-end encrypted chat storage**, **ensuring privacy and data security using cryptography**.
- ❖ Followed clean **architecture** and best practices for **security**, **scalability**, and **performance**.
- ❖ Designed scalable REST APIs for user–AI interactions and optimized response handling for reliable performance.

Pharmacy Dispensing System (Python/Django, HTML, CSS, JS, MySQL)   *Dec 2024 – April 2025*

- ❖ Developed backend business logic and designed frontend user interfaces using Django.
- ❖ Implemented CRUD operations and database integration using **MySQL**.
- ❖ Implemented Django ORM models, authentication workflows, and MVC-based architecture.
- ❖ Enhanced UI usability using HTML, CSS, and JavaScript.

Front-End Projects   *Dec 2024 – April 2025*

- ❖ **Calculator:** Implemented arithmetic logic, input validation, and responsive UI.
- ❖ **Tic Tac Toe**: Built game logic with win detection, reset functionality, and DOM manipulation.
- ❖ **Rock Paper Scissors**: Implemented event handling and dynamic UI updates using JavaScript.

Internship Experience   *April 2025 – May 2025*

Software Development Engineer Intern – Bluestock Fintech (Remote)
- ❖ Worked on a real-time IPO Web Application, contributing to full-stack development using React.js and Django.
- ❖ Implemented SQL queries and CRUD operations for IPO-related application data.
- ❖ Collaborated with the team to optimize API performance and enhance the scalability of existing systems.

Education

Diploma in Computer Science and Engineering | Government Polytechnic, Gadag
Aug 2022 – Apr 2025 | CGPA: 9.5

Secondary School Leaving Certificate (SSLC) | SJBVP Hosahalli, Gadag
June 2021 – 2022 | Percentage: 96.48

Achievements & Awards

- ❖ Led a team of 4 members during academic projects to deliver features on time.
- ❖ Earned HackerRank badges in Python and SQL.
- ❖ Participated in Hackathons: Odoo Hackathon 2025, Google Baseline Tooling Hackathon
- ❖ Actively contributing to and working on **open-source projects**, gaining experience in collaborative development.

Courses and Certifications

- ❖ **Scaler Academy** – Java, Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP)
- ❖ **Infosys Springboard** – HTML, CSS, JavaScript
- ❖ **Algorithms365 – SDE / Full-Stack Development**
  (Python, Data Structures & Algorithms, OOP, CS Core Concepts, Django, SQL/MySQL, MongoDB)
- ❖ **HackerRank Skill Certificates** - Python [Basic], SQL [Basic].
- ❖ **Self-Learning** – YouTube programming channels (React.js, Django, Full-Stack Development)