V SAI DHEERAJ

B.Tech - Computer Science and Engineering
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Summary

As a Computer Science and Engineering student, I have developed strong skills in Problem Solving, Project Management, Analytics, and Logical Thinking, with hands-on experience working across the Python Full-stack of software development. I am seeking a role that allows me to grow and learn from seasoned professionals, while leveraging the project experience I have successfully gained.

My skills include Python, Django, RESTful API development, front-end integration with frameworks like bootstrap, and database management with SQLite & PostgreSQL.

Education

- Indian Institute of Information Technology, Sonipat   2021-25
  B.Tech, Computer Science Engineering (CSE)
  CGPA : 7.50

Personal Projects

- **VibeNet**
  Community Posting Platform

  Tools & technologies used: Django, Python, HTML/CSS, JavaScript, Bootstrap, RESTful APIs, PostgreSQL, Git.
  - Developed the backend with Django, implemented RESTful APIs, and managed the database using PostgreSQL.
  - Integrated a responsive UI using Bootstrap and collaborated on front-end integration.
  - Delivered a social platform enabling group creation and content posting, with optimized performance and secure user management.

- **MedPredict**
  AI-Driven Health Diagnosis Platform

  Tools & technologies used: Django, Python, PostgreSQL, Scikit-learn, Pandas, HTML/CSS, JavaScript.
  - Developed a healthcare application that allows users to input health metrics like blood pressure and sugar levels, and leverages machine learning algorithms to predict potential health risks.
  - Implemented a predictive model using Scikit-learn, achieving a high accuracy rate in diagnosing common health conditions based on user inputs.
  - Designed a user-friendly interface with Django for seamless data input and result display.
  - Successfully enhanced early detection of health issues, providing users with actionable insights and personalized health recommendations.

Technical Skills and Interests

- Languages: Python, C++, HTML, Javascript.
- Developer Tools: AWS, Git, Github, Docker.
- Frameworks: Django, Flask, Bootstrap, jQuery.
- Databases: PostgreSQL, SQLite.
- Soft Skills: Problem Solving, Team Collaboration, Communication, Adaptability, Time Management.
- Coursework: DSA, Web Development, ML, DBMS, Software Engineering.
- Areas of Interest: Full-stack development, ML, Cloud Computing.

Extracurricular Activities

Modelling, Football, Gym, Gaming, Creative art, Movies, Reading books.