Prathamesh Keche

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Education

Vellore Institute of Technology, Bhopal — Sep 2022 – Current
B.Tech. in Computer Science Engineering — *CGPA: 8.27*

Shree. Shivaji Science College — May 2021
12th Grade — *Percentage: 91.00%*

Adarsh Secondary School — May 2019
10th Grade — *Percentage: 93.20%*

Skills Summary

Languages & Frameworks: Python, C, C++, SQL,Java, JavaScript, HTML, CSS.
Tools & Technologies: Git, MySQL, Docker, Google Colab, AWS, Grok, Tensorflow.
Soft Skills: Cross-functional Collaboration, Team Leadership, Agile Mindset, Operational Excellence.

Experience

Salesforce Intern (AICTSL/Smartbridge) — May 2025

- Completed the Salesforce Virtual Internship Program, gaining strong understanding of Salesforce admin and developer concepts, and Agentforce.
- Developed a Salesforce Lighting App - Handsmen Threads. A custom CRM software for inventory, shopping, tracking and alerts.
- Passed assessment with 90% grade and completed and utilized a custom TrailMix of 40 Trailhead Modules for structured learning and tracked progress, aiming for 100 % completion of modules, quizzes, and assignments.

Projects

R.A.K.T (PHP, MySQL, XAMPP, HTML, JavaScript) — Rakt.rf.gd / Github

- Designed and deployed a dual role web portal that supports multiple users, facilitating donor scheduling by 30% through a self-operating booking interface filtering by blood type and pin code.
- Systematized email confirmations and inventory alerts, reducing administrative follow-up tasks by 35% and boosting donor engagement by 20% during critical shortage alerts.
- Engineered a synchronized patient request engine leveraging optimized SQL queries and district-level pin code matching to route blood requests in real time, reducing request-to-delivery cycle time by 70%.

Diabetes Prediction System (Python, Jupyter Notebook, Scikit-learn, Streamlit) — diabetes-ap.streamlit.app / Github

- Developed and deployed a machine learning model using the Pima Indians Diabetes dataset to predict the risk of diabetes with 10% higher accuracy than before.
- Implemented a data-driven approach, from initial data preprocessing to model training and evaluation within a Jupyter Notebook environment, ensuring a robust and reliable prediction system with faster prediction time by 20%.
- Engineered an intuitive Streamlit application enabling patients to input health data, decreasing average data input time by 2 minutes, ensuring faster prediction delivery and greater patient satisfaction.
- Ensured the system's modularity and scalability by separating the data processing, model inference, and web interface components, which allows for future enhancements such as integrating with other health datasets or adding more features.

Achievements and Certifications

- **SmartBridge —** Earned 93.90% distinction in AI with Google Cloud, orchestrating a jellyfish classifier using cloud-native MLOps, automated pipelines, and scalable deployment workflows.
- **Google Cloud Arcade —** Secured the Champions Milestone and 60+ Arcade Badges on Google Cloud Platform (GCP). I successfully guided and mentored 200+ students to achieve various Arcade Milestones, significantly contributing to their learning and understanding of GCP.

Extra Curricular

- Led and coordinated blood supply management for hospitals in the village, ensuring timely delivery and positively impacting the healthcare of 70+ individuals through improved access and support.
- Started an Personal Blog to share daily lifestyle and tech ideas. Slowly transisitoned it into and safe place to share, advice and a place to express within college.