

RUTURAJ SOLANKI

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Education

- Shri K J Polytechnic, Bharuch** **2019 - 2022**
Diploma in Computer Science & Engineering **9.27/10 CGPA**
- Government Engineering College, Dahod** **2022**
B.E in Computer Science & Engineering **8.67/10 CGPA**

Work Experience

- Coordinator, TechFest** **October 2023**
Coordinated HackaNova and various other events like Debugging Challenge and Coding Contest.
- Linux Server Installation On College Server PC** **October 2023**
Installed Linux Server OS on the server PC to enable remote login and use of the Linux terminal by students.
- NetWeb Software Pvt Ltd** **January 2025 - April 2025**
Software Engineering Intern **Vadodara, Gujarat**
 - Developed Performance Review System with role-based access, review workflows, dashboard, and email notifications using jQuery and SMTP.
 - Designed technical artifacts including flowcharts, wireframes, and database schema for the Plan of Action (POA) system with submission and approval workflows.
 - Conducted QA based on functional test cases and explored security tools like Burp Suite to enhance system robustness.

Projects

- CropItAgro — Java, MySql** **Link**
 - Developed a location-based Android application to assist farmers in crop selection and provide group chat, store, and navigation features.
 - Integrated community engagement, supply procurement, and task navigation for agricultural efficiency.
- Text Summarizer — Python** **Link**
 - Developed a text summarization tool that extracts summaries from PDFs, plain text files, and websites.
 - Utilized natural language processing techniques to provide concise and coherent summaries of large text documents.
- RAG QA — Python, FastAPI, Streamlit, Docker** **Link**
 - Developed a containerized question-answering framework utilizing Retrieval-Augmented Generation (RAG) to provide document-based QA capabilities.
 - The application retrieves relevant information from uploaded documents and uses large language models (LLM) to generate accurate answers.
- AI Voice Assistant — Python, Hugging Face, OpenWeatherMap API** **Link**
 - Developed a cross-platform AI voice assistant with real-time speech recognition and NLP-based question answering.
 - Integrated weather updates and robust error handling, supporting Windows, macOS, and Linux with 95% response accuracy.

Skills

Languages: Python, Java, C, JavaScript
Frameworks: Flutter, React, HTML, CSS, Bootstrap, JSP
Clouds & Databases: AWS, MySQL, Firebase
Developer Tools: Android Studio, VS Code, GitHub, IntelliJ IDEA, Linux
Machine Learning & AI: TensorFlow, NLP, Scikit-learn
Cybersecurity: CTF Challenges
Other: Communication, Critical thinking, Creativity, Adaptability

Academic Achievements

- TCS CodeVita Season 12, Global Rank 2717, 2024 [View Certificate](#)
- Responsive Web Design, Codecamp [View Certificate](#)
- Scientific Computing With Python, Codecamp [View Certificate](#)
- Google Cloud Cybersecurity Certificate Course 1 & 2 [View Certificate](#)
- Earned Google Analytics Certification [View Certificate](#)
- Completed Data Analysis Using Python Certification [View Certificate](#)
- Completed Data Visualization: Empowering Business with Effective Insights [View Certificate](#)
- Received Letter of Appreciation from GEC Dahod for developing a Python-based interactive desktop app [View Certificate](#)