JAY SONANI

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EXPERIENCE

Assistant System Engineer   Ahmedabad, Gujarat
Tata Consultancy Services   *August 2020 – Present*

- Working in SAP Basis
- SAP Authorization Consultant

Research and Development Intern   Mandi, Himachal Pradesh
Indian Institute of Technology, Mandi   *December 2019*

- Worked on developing a cross-platform mobile application for multimodal identification of bird species from acoustic and visual data
- Technologies used: Flutter, Deep Learning (GANs and CNNs), TensorFlow

EDUCATION

Bachelor of Computer Engineering   Surat, Gujarat
Sarvajanik College of Engineering and Technology   *August 2016 - August 2020*

- Gujarat Technological University
- CGPA: 8.78/10

SKILLS

- Flutter Application Development
- Python, Dart, JavaScript, Java, C++, php, SQL, React.js, Node.js
- Tools: Git, VS Code, Microsoft Visual Studio, PyCharm, Android Studio, LaTex
- Databases: MySQL, Firebase
- Data Science: Pandas, Numpy, Keras, Tensorflow, OpenCV

PROJECTS

AI-Birdie | *Deep learning(Python, TensorFlow, Keras), Flutter, GCP, Firebase*   July 2019-20

- Bird detection and recognition from images and audio with personalized dashboard
- Developed cross-platform mobile application and published on Google Play Store
- Worked with REST-API and sensors like mic and camera

Live Time Table | *Flutter Framework, Firebase*   October 2019

- Time table mobile app that provides real-time subject and faculty information and allows modifications

Traffic Detection | *Python, OpenCV*   May 2019

- Real-time traffic level measurement from CCTV camera inputs based on the colour amount

Sheets App for business | *GoogleScript*   March 2019

- Created and maintained Google Sheet App for various business requirements
- Implemented CRUD and merge operations with GUI

CERTIFICATIONS AND TRAININGS

Google Cloud Platform Fundamentals: Core Infrastructure Coursera
Online course *November 2020*
- Google Compute Engine, App Engine
- Google Cloud Platform, Cloud Computing

Flutter Development Certificate The App Brewery
Online course *April 2020*
- The Complete Flutter Development Bootcamp using Dart

Data Science Training Intershala Trainings
6-weeks online training *June-July 2019*
- Introduction to Data Science and Python for Data Science
- Understanding the Statistics for Data Science and Predictive Modeling
- Basics of Machine Learning modules

Python for Data Science SCET, Surat
Department of Computer Engineering *June 2019*
- 3-days workshop sponsored by GUJCOST-DST, Govt. of Gujarat
- Data Manipulation and Data Visualization
- Deep Learning Models for Data Analysis

AWARDS AND ACHIEVEMENTS

Special Jury Award CSI InApp
9th CSI InApp National Student Project Awards *July 2020*
- Awarded 'Special Jury Award' for AI-Birdie project
- Second Runner-up among 650 team entries across India

CryptoHunt SCET, Surat
Zonal-level event *February 2018*
- Secured the first rank in coding competition among 70 teams

Quantum Coding SCET, Surat
State-level event *September 2017*
- First Runner-up in the coding competition

EXTRACURRICULAR ACTIVITIES

- Volunteered in a national seminar by IEEE Signal Processing Society, IEEE Gujarat Section, 2019
- University-Level Techfest Coordinator, 2019
- Participated in State-level 12-hours hackathon, 2018
- College-level Techfest Event Head, 2018
- Volunteered in an NGO for a week, 2017