Adhyyan Tripathi

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EDUCATION

Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University (SMU) (CGPA: 8.81)   *Sikkim*
Bachelor of Technology in Computer Science Engineering   *July 2017-Aug 2021*

EXPERIENCE

Capgemini Technology Services India Limited   **Bengaluru,** *Karnataka*
Analyst / Software Engineer   *October 2021 – November 2022*
- Assigned SAP-ABAP HANA technology stack.
- Underwent training for three months in SAP ABAP programming language and open SQL.
- Nominated and sponsored for cloud computing certification based on overall performance.
- Microsoft Certified: Azure Fundamentals.
- Shadowed my manager in the "Brakes" Project.

RAJA RAMANNA CENTER OF ADVANCE TECHNOLOGY   *Indore, Madhya Pradesh*
*(*Department of Atomic Energy, Government of India*)*   *May 2019 – June 2019*
Python developer Intern
- Worked on Beamline 16 to capture data given by X-ray spectroscopy.
- Developed Software Using python and the library Xraylib to analyze, detect, and plot the data elements in the compound.

PROJECTS

Portfolio | React.js | Webpage
- Developed a website using React.js to showcase my profile and skills.

Path-Finder | GitHub | Webpage
- Implemented various graph algorithms such as DFS, BFS, and Dijkstra's Algorithms.
- Visualized them in a grid that also contains the feature of adding walls and weights.

Acoustic Scene Classification | Major Project | Librosa, Keras, Pandas, NumPy, cv2 | GitHub.
- In this research-based project, various acoustic scenes are classified from one another using CNN.
- Data was augmented on two domains: time stretch and pitch scaling.
- The acoustic scene audio files were converted into mel-spectrograms (*images*) using STFT and then applied CNN to classify them.

COMMUNITY INVOLVEMENT

Core Member of EDGE-Club   *Aug 2018-Dec 2019*
TEDx Senior Member   *Jan 2018-Oct 2018*

Skills

Programming Languages – C, C++, JAVA, Python
Web Technologies – Node.js, Express.js, MySQL, React.js, HTML, CSS, Javascript.
Machine Learning and Data Manipulation – Keras, NumPy, Pandas, Scikit-learn.
Cloud Computing – Microsoft Azure Fundamentals.

CERTIFICATIONS and EXTRAS

- Microsoft Azure Fundamentals
- Java (Basic) Certification Certificate
- Problem-Solving (Basic) Certificate
- Introduction to Git and GitHub
- SQL (Intermediate) Certificate