

ANIKET PATEL

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IT Engineering fresher with a keen interest in AI, ML, Data Science, and Cloud Computing. Passionate about leveraging technology to solve complex problems. I possess a solid foundation in these areas and am eager to apply my theoretical knowledge to real-world scenarios. Committed to continuous learning and staying up-to-date with industry trends.

EDUCATION

KC College of Engineering and Management Studies and Research	Kopri, Thane
BE in Information Technology, Current CGPA - 8.49, Expected Graduation Year - 2023	2019 - 2023
Ramniranjan Jhunjunwala College	Ghatkopar, Mumbai
11 – 12 Science, HSC Percentage – 71.23%	2017 - 2019
St. Xavier's High School and Junior College	Bhandup, Mumbai
Primary – Secondary School, SSC Percentage – 89.80%	2007 - 2017

INTERNSHIP

Eduskills Foundation Virtual Internship March 2022 – May 2022

AWS AI- ML Intern

- Gained proficiency in AWS Cloud, pricing, and global infrastructure components.
- Applied AWS Compute and Database services appropriately based on use cases.
- Differentiated between various AWS Storage services.
- Explored key concepts of Elastic Load Balancing, Amazon CloudWatch, and Auto Scaling.
- Gained hands-on experience with AWS IAM.
- Built a database and web server using Amazon EC2, AWS EBS, and Amazon RDS.
- Identified business problems solvable with Machine Learning and its advantages over traditional software development.
- Implemented a Machine Learning pipeline using Amazon Sagemaker.
- Utilized managed AWS ML services such as Amazon Forecast, Amazon Rekognition, and Amazon Lex.

ACADEMIC PROJECTS

Image Caption Generator

The goal of the group project was to train a Machine Learning model that can generate captions for an image. Python libraries like TensorFlow, Keras, NumPy, tqdm were used. The model was able to generate compelling and informative descriptions for images. My contribution was to prepare the dataset for model training as well as use CNN to extract features from images.

Flower Species Image Classifier

The goal of the project was to train an image classifier to recognize different species of flowers. Dataset with 102 flower categories was used to train the classifier. Utilized transfer learning to fine-tune a pre-trained deep learning model for image classification. The model was able to achieve 90% accuracy on the test set. PyTorch framework was used in this project.

Hospital Management System

The goal of the project was to create a software that can ease flow of information between doctors, patients, pharmacy and receptionists. Java and MS Access were used. My contribution was to design databases, integrate it with the software and create interface for patients and doctors.

TECHNICAL PROFICIENCIES

Operating Systems:	Windows, Linux
Frameworks and Libraries:	TensorFlow, PyTorch, NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn
Programming:	Python, Java, HTML, CSS, JavaScript, R
Services:	AWS (Amazon Web Services), Google Cloud Platform, Oracle Cloud
Databases:	MySQL, MongoDB

CERTIFICATIONS & COURSES

- Oracle Cloud Infrastructure Foundations 2021 Certified Associate (13 Dec 2021 – 13 Dec 2023)
- Python Basics for Data Science (edx)
- Data Science: Visualization, Wrangling, Probability (edx)
- Introduction to Statistics (Coursera)
- AI for Everyone (Coursera)
- Machine Learning (Coursera)
- Neural Networks and Deep Learning (Coursera)

ACHIEVEMENTS

AWS AI & ML Scholarship 2022 Recipient

As part of the AWS AI & ML Scholarship program, I was offered a Udacity Nanodegree called AI Programming with Python. This Nanodegree focuses on developing practical AI skills using the Python programming language. I learned to use libraries like NumPy, Pandas, and Matplotlib, and developed a solid understanding of linear algebra and calculus in the context of AI. I completed projects involving image classification and built my own image classifier. This program equipped me with practical skills and hands-on experience in Python programming, data manipulation, and neural networks, making me well-prepared for complex AI projects.

AWS DeepRacer Student League - India 2022 semi-finalist

AWS DeepRacer Student League - India 2022 is a virtual competition where student enthusiasts build machine learning model cars to race virtually and upskill themselves. AWS DeepRacer is a service offered by Amazon Web Services (AWS) that focuses on reinforcement learning and autonomous driving. It provides a platform for developing and training AI models to drive virtual race cars.

AWS DeepRacer Student League Global March 2023 Qualifier - 1st place

Achieved 1st place among a large cohort of students (over 3000 participants) in the Student League March Qualifier of the AWS DeepRacer program, demonstrating exceptional skill in training and optimizing autonomous racing models using reinforcement learning techniques.