

ANIKET LADUKAR

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EDUCATION

University of Southern California

Jan 2023 – Dec 2024

Master of Science in Computer Science

Los Angeles, CA

Relevant Courses: Machine Learning, Analysis of Algorithms

Thakur College of Engineering and Technology, University of Mumbai

Aug 2016 – May 2020

Bachelor of Engineering in Information Technology | **CPGA** - 9.1/10

Mumbai, India

Relevant Courses: Data Structures, Analysis of Algorithms, Object Oriented Programming, DBMS

EXPERIENCE

Infosys Ltd

Nov 2020 – Dec 2022

Specialist Programmer [Full Stack Developer] - Strategic Technology Group

Mumbai, India

Kubernetes Controller | ReactJS, Spring Boot, JUnit, MySQL, Docker, Kubernetes

- Solely Designed and Developed a Kubernetes Controller to assist end-user by automating and simplifying the process of installing and configuring monitoring dashboard on the K8S cluster deployed in a air-gapped environment
- Developed end to end UI and backend microservices and APIs in ReactJs and Spring Boot respectively.

Data Delivery Platform | ReactJS, Docker

- Developed the UI for a Data Delivery Platform using ReactJS along with BlueprintJs, Ag-grid and redux.
- Responsible for creating workflows to build and deploy the UI and backend microservices in a containerized environment using Docker and Docker Compose

Single Sign On Service | ReactJS, Docker

- Developed UI for a single sign-on solution to enable seamless authentication and authorization across client's entire product suite.
- Responsible to modify and update existing products to support SSO and provide an option to seamlessly switch between products based on enabled licenses.

Bhaktivedanta Hospital and Research Institute

Jun 2018 – Jul 2018

Summer Intern, Data Analytics

Mumbai, India

- Enhanced the Intranet Portal for the Hospital. Deployed a Data Collection and Cleaning Pipeline using SQL to streamline the management and storage of day-to-day hospital data.
- Used Tableau to process and visualize data to generate insights and reports to help the administration better comprehend the data and optimize processes as required.

PROJECTS & PUBLICATIONS

Music Generation Using Deep Learning | Undergraduate Project | Python, Tensorflow

Aug 2019 - Mar 2020

- Studied various models for sequence generation such as LSTM, Transformers, AutoEncoders and looked into the feasibility of models using GANs to generate coherent audio sequences.
- Designed a hybrid model using AutoEncoder and GAN to improve the long term and short term coherence of generated audio sequences along with optimizing the resources used to do so.
- Authored and Published a paper on the same in [IEEE ICCDW](#) in Feb 2020. **ISBN:**978-1-7281-4635-5

Restaurant Website | Independent Project | ReactJS, NodeJS, MongoDB

Sept 2020

- Developed a restaurant website using MERN Stack. UI displayed the profile of the Chefs, the cuisines and dishes available at the restaurant along with customer reviews and comments for each dish.
- Developed a REST API using ExpressJS to serve all the details to the frontend.

Sorting Visualizer | Independent Project | AngularJS

Aug 2020

- Implemented a Browser based WebApp to Visualize the various Sorting Algorithms that are commonly used in order to better understand the concepts of Algorithms and also learn web development framework such as Angular.

Credit Card Fraud Detection | Independent Project | Python, Sklearn

July 2019

- Achieved a 97.8% accuracy on a supervised learning task to identify fraudulent credit card transactions.
- Implemented and tuned a random forest model after assessing the performance of several supervised learning algorithms.
- Authored and Published a paper on the same in [IJCSSE](#) in Aug 2019. **ISSN:**2347-2693

TECHNICAL SKILLS

Languages: Python, Java, C, HTML/CSS, TypeScript, SQL

Libraries/Tools: ReactJs, Tensorflow, Pandas, sk-learn, Anaconda, VS Code, Git, \LaTeX

Technologies/Frameworks: AngularJs, Node.Js, Spring Boot, Docker, Kubernetes

Tools: Microsoft Office Suite [Excel, Word, PowerPoint etc.]

COURSES AND CERTIFICATIONS

Full-Stack Web Development with React | Specialization | Hong Kong University of Science and Technology, Coursera

Jul 2020

Machine Learning on Google Cloud | Specialization | Google Cloud, PluralSight

Apr 2020

Introduction to Machine Learning | Course | IIT Kharagpur, NPTEL

Oct 2018

Design and Analysis of Algorithms | Course | Chennai Mathematical Institute, NPTEL

Oct 2018

EXTRACURRICULAR

Association for Computing Machinery | *Student Body* | *Tech Head*

Aug 2018 - Mar 2019

- Organised weekly workshops and guest lectures for second and third year students on various domains such as Machine Learning, Cyber Security and Blockchain. Organised a Coding competition in Technical fest in association with CodeChef.

Indian Society For Technical Education | *Student Body* | *Creative Head*

Aug 2017 - Mar 2018

- Organised various workshops and seminar for first year students on Adobe Creative Suite, Graphic Design and Game Design. Managed the Creative team of Yearly Technical Fest "Zephyr".

Extension Work Team | *Community Service* | *Volunteer*

Aug 2017 - Mar 2018

- Educated vendors and shop-owners about the 'Goods and Services Tax' implemented by the Government of India as a part of the awareness campaign.
- Taught elementary school mathematics to underprivileged students in rural areas as a part of various workshops and conducted counselling session under 'National Institute of Open Schooling' established by Government of India to provide education to all sections of society.