ANIKET SALIYA

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EDUCATION

New York University, New York, USA *Aug 2021 – May 2023*
Master of Science, Computer Science.
- o **Honors & Awards:** One of only 10% of admits awarded the highest merit-based scholarship.

Gujarat Technological University, Gujarat, India *Jul 2017 – Jun 2021*
Bachelor of Engineering, Computer Engineering.
- o **Honors & Awards:** I was among the top 1% of students to receive the highest merit-based scholarship.

TECHNICAL SKILLS

- o **Languages:** C/C++, Python3, Java, Swift, Go, SQL, JavaScript
- o **Datastores:** DynamoDB, Elasticsearch, PostgreSQL, MongoDB
- o **Tools/Platforms:** Agile, Anaconda, Xcode, PyCharm, Eclipse, Git, Postman, Sublime, AWS, Docker, Tableau, Power BI
- o **Operating Systems:** MacOS, Linux, Windows
- o **Frameworks/Libraries:** Flask, Django, Node.js, Spring Boot, PyGame, Tensorflow, Keras, Scikit-Learn, OpenCV
- o **Interests/Coursework:** Cloud Computing and Big Data, Database Management Systems, Operating Systems, Software Engineering, Object-Oriented Programming, Data Structures and Algorithms, Computer Vision
- o **Soft Skills:** Problem Solving, Critical Thinking, Leadership, Analytical Skills, Project Management

WORK EXPERIENCE

New York University, Course Assistant *Sept 2022 – May 2023*
- o Graduate Teaching Assistant for the Cloud Computing and Big Data Systems course at the CS department of New York University.
- o Develop lecture materials, grade assignments/projects and tutor 40 to 50 students per semester on various cloud topics including usage of AWS services like Lambda Functions, Lex, S3, Dynamo DB, Elastic Search, API Gateway, SQS, SNS.

Aureate Labs, Software Engineer Intern *Jan 2020 – Feb 2021*
- o Designed and developed multiple analytics dashboards using Python, SQL, and JavaScript, providing stakeholders with real-time data insights and actionable recommendations.
- o Improved the performance and scalability of the itechdeal platform by optimizing database queries and caching mechanisms, resulting in a 50% reduction in query time and a 20% increase in user adoption.
- o Collaborated with cross-functional teams to develop effective marketing strategies for various products, ensuring clear communication and alignment on project goals.

Sync With Science blog, Content Designer and Campaign Manager *Dec 2017 – Nov 2018*
- o Designed interesting and engaging content from the latest research magazines and journals.
- o Manage digital marketing campaign on Instagram and Facebook, successfully built recurring traffic as well as 200+ new organic visitors from google search every day. Got great appreciation from my blog community and from collaborators.

ACADEMIC PROJECTS

Bubble
- o Bubble is a python web app serving as community platform for NYU students to help them in various aspects of academic life. It can detect and remove explicit content, suggest related blogs and questions as well as provided sentiment analysis on the reviews submitted to programs and curriculums.
- o This app is built on top of AWS services like Rekognition, Comprehend, OpenSearch and DynamoDB.
- o Currently it is being used by more than 520 students of school of engineering and has received recognition from multiple deans. Also, multiple professors use it to collect anonymous feedback from students directly.

Dining Concierge Chatbot Restaurant Recommendation
- o Dining Concierge is a chatbot to help you recommend restaurants based on provided preferences.
- o The app uses Python in Lambda functions to create an async event driven system with other components. The likelihood of person liking the recommended restaurants are observed to be around 89%.
- o The restaurants data is sourced from Yelp API and stored in DynamoDB and indexed by Elasticsearch.

Smart Text & Voice Controlled Photo Album
- o It is very difficult to find a particular photo from a huge collection so I developed an intelligent photo album web application interface that allows users to search them through keywords using both text and voice.
- o The python serverless app detects objects and scenes, indexes them and stores into object store.
- o I have setup multiple collections of photos for my family members in the app and now we're able to search few desired photos from collection of 5000+ in less than a second.

Automated Hand-Filled Feedback Form Analyzer
- o Fully automated process of paper-based feedback and generated visualization of overall data in forms of charts.
- o Conceptualized a novel approach by identification and extraction of hand-written text with keeping relational structure of data intact.
- o Achieved 15% better accuracy when compared to top form scanning solutions such as Amazon's Textract.

Tweetboot
- o Streams live tweets matching filter types like keywords, hashtags, etc. without using any third-party libraries.
- o Used TDD approach with spring reactive web flux, Junit5, and server-sent events (SSE) with auto deployments of changes on Heroku server.

CERTIFICATIONS

AWS Certified Cloud Practitioner – English