

ADITYA LIMAYE | Mumbai, IN | adityalimaye25@gmail.com | +91 9167622139

EDUCATION

NMIMS Mukesh Patel School of Technology Management and Engineering

Bachelor of Technology in Information Technology

May 2021

Percentage 78%

PROFESSIONAL EXPERIENCE

Software Developer | Quantiphi Inc, Mumbai, IN

Nov' 2021 - Present

- Working for an American Insurance client to build an end-to-end Claim Adjudication Platform that leverages predictive analytics for claims decisioning and conversational AI for customer communication; *Tech Used*: ReactJS, NodeJS, AWS, Postgres SQL
- Developed an intuitive front-end UI for the platform that extracts, classifies, annotates and indexes the documents submitted for proof of loss and other relevant information; *Tech Used*: ReactJS, Material UI

Software Developer Intern | Quantiphi Inc, Mumbai IN

July 2021 - Nov 2021

- Designed and developed scalable and configurable microservices to automate redundant manual tasks and make policy issuance workflow dynamic for an insurance client; *Tech Used*: Java, Spring Boot, JWT, AWS
- Collaborated with cross functional teams and followed agile principles of development
- Assisted in legacy system migration to advanced reporting tool with centralized cloud-based information system

Cyber Security Trainee | ASDN Cybernetics Inc, Rajasthan, IN

April 2019 - May 2019

- Executed Web Application Testing, Network Security Testing, security evaluation procedures and other additional incidental duties as assigned; *Tech Used*: BURP Suite, Nessus, Acunetix, Metasploit
- Performed Vulnerability Assessment Penetration Testing (VAPT) on client websites along with on-site VAPT

RESEARCH PUBLICATIONS

Limaye, A., Karkera, S.S., Khatri, H., Raisinghani, V.T. (2022). **PREP: Prerequisite Relationship Extraction Using Position-Biased Burst Analysis**. Lecture Notes in Electrical Engineering, vol 888. Springer, Singapore. (https://doi.org/10.1007/978-981-19-1520-8_17)

ACADEMIC PROJECTS & RESEARCH PUBLICATIONS

- Prerequisite Relationship Extraction using Position-biased Burst Analysis (2021)**: Proposed a domain modeling algorithm to automatically generate concept maps from educational texts using multiple linguistic features
 - Tech Used*: Python, BeautifulSoup, SpaCy, Neural Coref; Attained 17% improvement in precision over existing tech
 - Co-authored a research paper that has been published by the Review Committee of MISP-2021
- Vote (2019)**: Opinion based questions generated using SpaCy from news articles, served to users for opinion polling on an Android app using Firebase Realtime Database and Firebase Cloud Functions. Responsible for developing an algorithm used for fetching relevant news articles based on user preferences using Python and NewsAPI
- Bookworm (2020)**: An android app that lets registered users exchange books with nearby members using GeoFire library, Google Books API & Firebase Real-time Database. Developed its chat feature & a book barcode scanner
- Surveillance Rover (2019)**: Devised a surveillance robot based on Raspberry Pi to display live video feed from the camera installed on the car to an app on the phone, along with buttons to control the car

TECHNICAL SKILLS

- Programming languages**: Python, Javascript, Java, HTML, CSS, PHP
- Frameworks**: React, Node.js, Express
- Databases**: MySQL, MongoDB, Firebase
- Cloud Technologies**: AWS
- Software**: SAS, MATLAB, Office 365 Suite, Android Studio, Visual Studio, NetBeans

TECHNICAL - PRESENTATION/WORKSHOPS/ CERTIFICATIONS

- Secured 2nd position in Intra-College Technical Competition**: Built a Surveillance Car based on Raspberry Pi serving live video feedback and movement controls to a dedicated Android application
- ASDN Cybernetics, Kota, Rajasthan**: Completed CEH, Vulnerability Assessment and Penetration Testing course with live training and scored 90% in the final assessment
- Researched and presented a survey paper on various methods used for detecting fast-moving objects in traffic