

Vishal Rao Mandala

P: 201-617-3601

A: 27 Liberty Avenue, Jersey City, New Jersey

E: ymandal1@stevens.edu

github.com/VishalMandala

linkedin.com/in/vishal-mandala-661914132

EDUCATION

Stevens Institute of Technology, Hoboken, NJ

Master of Science in Computer Science.

Expected May 2023

CGPA: 3.64/4.00

SRM Institute of Science and Technology, Chennai, Tamil Nadu/India

Bachelor of Technology in Computer Science and Engineering.

May 2018

CGPA: 3.59/4.00

TECHNICAL SKILLS

- **Languages:** Python, JavaScript, Node JS, React JS, Java, Dot Net, HTML, CSS, Bootstrap, C, C++
- **Database:** SQL, MySQL, mongo DB, AWS S3, EC2, Dynamo DB
- **Competencies:** SAP PI, SAP PO, SAP CPI, NumPy, Pandas, Scikit-learn, NLTK, Web Scraping, Machine Learning, Natural Language Processing, Data Modelling, Web Scraping
- **Others:** AWS, Postman, SoapUI, ABAP, Android Application Development, Git, Excel, AWS CloudWatch, Handlebars, Express JS, VPC, VPN, REST, JSON, mapping, middleware, BCrypt, AJAX, AWS Lambda

EXPERIENCE

Larsen and Toubro Infotech (LTI) | Software Engineer | Chennai, India

08/2018 – 07/2021

- Implemented CRUD (Create, Read, Update and Delete), message, email functionalities operating on Model View Controller in Dot Net
- Created a relational database schema and architected it by deploying on MySQL
- Engineered 140 eclectic complex EDI maps (B2B scenario) from Gentran and Oracle DB
- Applied extensively in UDF's, Unit test, regression test, bulk test, Change Request's, TPM configuration, Partner profiles, NRO's, XML schema definitions and eclectic IDOC's
- Mentored team as a document lead and devised a documentation tracker and Activity tracker
- Consumed Java microservices and REST API service to integrate Apache tomcat server with SAP
- Handled issues in Java microservices, SSL certificates, pitched several KT's and presentations to clients

ECIL | Android Developer Intern | Hyderabad, India

06/2017 – 07/2017

- Built an android application by leveraging Android studio and SQL. Provided CRUD operations

Caprus IT | Java Developer Intern | Hyderabad, India | [\[Github\]](#)

12/2016 – 01/2017

- Developed a web application performing CRUD activities. Worked on JDBC deploying java servlets

ACADEMIC PROJECTS

ConnPsych | [\[Github\]](#)

11/2021 – 12/2021

- Devised chat application using Node JS, Socket IO and designed User Interface for Dashboard and Blogs
- Designed and executed set of collections as database schema by leveraging MongoDB as Database

Chat Application | [\[Github\]](#)

11/2021 – 11/2021

- Developed a chat application, helps users to interact by utilizing React JS, Node JS and Socket IO

Detection of Sarcasm on under Sentiment Analysis | [\[Github\]](#)

01/2018 – 04/2018

- Created data models by utilizing Support Vector Machines, K Nearest Neighbors, Random Forest, applied feature extraction techniques and determined their accuracies as 67.5, 62.3 and 61.8 respectively

CERTIFICATIONS

- AWS Certified Solutions Architect Associate | [\[Link\]](#) 03/2022
- SAP Certified Technology Associate – Process Orchestration | [\[Link\]](#) 10/2020
- Programming, Data Structures and Algorithms using Python, NPTEL 03/2018
- Introduction to Modern Application Development, NPTEL 10/2016

PUBLICATIONS

- A Comprehensive study on sarcasm detection techniques in Sentiment Analysis [\[Link\]](#)
- Detection of Sarcasm on Amazon Product Reviews using ML Algorithms under Sentiment Analysis [\[Link\]](#)

ACTIVITIES

- Raised a fund for an NGO and conducted emergency evacuation as a an ERT member at LTI
- Coordinated Great Short film and Junk in Tronics events at SRM Institute of Science and Technology