SHUBHAM TANEJA

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EDUCATION

Stony Brook University, New York   **Jan 2021 - Present**
Master of Science: Computer Science

Vellore Institute of Technology, Vellore, India   **July 2013 - May 2017**
Bachelor of Technology: Computer Science and Engineering, CGPA: 8.22/10

SKILLS

Languages: Python, Java, C, C++, HTML, CSS, SQL, JavaScript, ABAP, d3.js, React.js, Node.js, Angular.js, PHP
Tools/Environments/Frameworks: Flask, Django, OpenCV, SAP, Predix Cloud, Shell Scripting, Git, Jira, Docker, AWS Suite
Distributed Systems/Databases: Tableau, Hadoop, Spark, MySQL, PostgreSQL

EXPERIENCE

General Electric (GE), Bangalore, India - Software Engineer   **July 2017 – Dec 2020**

➢ **Advanced Modelling Platform – GE Gas Power**

• Led a team of 4 and worked as a full stack developer (JAVA and Angular JS) in GE Gas Power's AMP project meant to provide a seamless end to end contract margin review experience and modelling which helps manage the ITO and OTR processes for service contracts for Gas Turbines.
• Helps with deal creation, financial modelling, margin review, risk analysis and portfolio management.

➢ **WAREasy – Warehouse Automation**

• Implemented a solution to automate the process of handling order entries in the warehouse using Flask (Python), React.js, PostgreSQL, Predix Cloud and SAP-ERP. (Presented in SAP TechEd, Bangalore 2019)
• Migrated from third-party application to an in-house product and deployed in the production environment of three plants of GE.

➢ **Chatbot for ERP**

• Led and architected the development to enhance the user experience by integrating material management and production planning transactions with conversational based chatbot using NodeJS, NLP, OData (Restful)
• Launched and hosted the application in the production system of 2 ERPs of GE Power.

General Electric (GE), Bangalore, India – IT Intern   **Jan 2017 – June 2017**

➢ **LCS (Life Care Services) Tracker**

• Worked on a portal which helped to track the LCS (Life Care Services) orders of parts of GE Healthcare machines.
• Designed a feature to predict the delivery of orders with recommendation algorithm and Python libraries (pandas and scikit learn)

Maruti Suzuki Ind. Ltd., Gurgaon, India - Intern, Information Technology Division   **May 2015 - July 2015**

➢ **Truck in Truck Out**

• Worked on development (micro-services, datasystems) of a product for digital dispatch and arrival of Trucks from the parking area using RFID tagging and controlling the quantity through backend database and connection which sends the data and status to the office site.

ACADEMIC PROJECTS AND PUBLICATIONS

IoT based Smart HealthCare with Patient Monitoring System   **Winter 2017 – VIT University**
• Designed and built a hardware-based prototype that deals with predicting person's health conditions and finds out the potential diseases.
[Arduino Uno, Embedded C, Neural Networks, Decision Tree Algorithm, SVM, Internet of Things, Ionic SDK, JavaScript]

Foot365 – a football-dining concierge chatbot   **Fall 2017 – VIT University**
• Developed a serverless app which gives recommendations of bars and restaurant showing live matches, live scores, predictions for the final week of the season, fixtures, lineups, standings by integrating cloud-based services for the football community. *[AWS S3, Kafka, DynamoDB, Elastic Search, Sagemaker, Lambda, API Gateway, SQS, SNS, Cognito, Lex, Google Maps API, Yelp API, Uber API]*

Twitter Sentiment Analysis   **Winter 2016 – VIT University**
• Developed an application which performs 3-class classification of tweet sentiment in Twitter and checks whether expressed opinion on Twitter is positive, negative or neutral. *[Python, Tweepy, TextBlob, Natural Language Toolkit corpora]*

Publications
• IoT Based Smart Health Care with Patient Monitoring System (Intl. Journal of Science and Research, Vol 8, Issue 10)
• Detailed Examination on Performance of Mobile IPv6 and Mobile IPv4 (Intl. Journal of Science and Technoledge, Vol 4, Issue 10)

AWARDS AND EXTRACURRICULAR ACTIVITIES

• The Institution of Engineering and Technology (IET-VIT) Student Chapter **(Board Member)**   **Jan 2015 – Nov 2016 - VIT**
• Make a Difference (MAD) and International Centre for Culture and Education (ICCE) **(Core Member)**