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EXPERIENCE

Software Engineer at UBS   July 2018 - Present

- Collaborating with **Technology Operations Center** Post Trade and Market Regulation team consisting of 150+ members globally to drive **Proactive Incident Management** and improve **Production Stability** using **Tooling and Automation**.

- Saved **4000 minutes per month** across 3 distinct verticals by automating manual health checks of applications by ingesting scripts, logs, job results, queries, process checks from **Linux** machines and databases to develop a consolidated dashboard on **Splunk** which in turn is used for alerting and reporting to **save Weekend time (around 4 hours) of Production staff**.

- Appreciated with a **SPOT Award** for developing **predictive alerting** by monitoring of inflows and exceptions of trades on time data series that removes the noise (alerts) from the system and proactively alerts to ensure we are in compliant with **regulatory reporting** using Splunk capabilities.

- **Automated** the process of manually checking Volume and Infra stats and collation by ~20 people on email during **MSCI rebalance, Brexit** and other important events by aggregating the queries and ingesting logs of infra stats across 20 distinct streams and visualized it on a Splunk dashboard which saved **200 minutes per day of activity.**

- Orchestrated and on boarded (**engineering** work) logs of critical applications for **analysis, insights** and **visualization** that drives **data driven** decision.

Deep Learning (Women in Tech at UBS)   February 2019 - Present

- Working on a **stretch assignment** as part of the initiative of Women in Technology to learn, demo and setup an **intuition about AI (Deep Learning)** for the larger audience in UBS.

- Delivered **Tech talk** at the **Digital Garage**, UBS by creating well commented **Jupyter notebooks** around understanding building blocks of Neural Networks, Different architectures, Transfer Learning and NLP that has resulted into a community of **60+ AI enthusiasts**.

NLP Intern at Light Information System   July '17 – December '17

➢ Collaborated in the software development lifecycle of **AI assistants** that can cater to user queries and support questions for companies like **MyHermes**, **O2**, **TATA Communications**.

➢ The responsibilities included :

- Requirement Elicitation and Generation of efficient training data.

- Development of intent engine and dialogue management which included tasks like data preprocessing, building multilevel classifier, semantic analysis of user query to capture intent; entity and user details extraction, caching relevant information, answering general or factual queries using Web Scraping and many other modules.

- Technology: **Natural Language Processing, Python, Gearman, AIML, GIT, Machine Learning**

PROJECTS

Virtual Wallet   July '18 – Oct '18

➢ Developed a Paytm like application with features like Login with OTP, Scan to Pay, Add money to wallet, Offline transactions and more. The UI was built on Android Studio, middle layer being Micro services layer using Spring Framework and hosted on AWS Cloud.

➢ Technology : **Android Studio, Spring Framework**

Predictive Student Analysis: Early Alert System   Jan '18 - May '18

➢ Built a system to alert faculty so they can intervene, before learning gaps become classroom performance issues and thus decrease dropout rate.

➢ Technology: **Machine Learning, Dash (Python)**

Kelly: College Enquiry Chatbot   Jan '17 - May '17

● Developed a General Enquiry Chatbot aimed at answering questions based on the various Academic details about Courses taught in CSE/IT VIT, Pune.

● The chatbot is initially trained on "type" of queries which can be asked by the user along with the acceptable answers. This learning is further used to create the AIML files to help chatbot understand and answer questions asked by the user in future.

● Technology: **Natural Language Processing, AIML**

EDUCATION

	Class	Board/University	Year	Grade
1.	Bachelor of Technology (Computer Science)	Vishwakarma Institute of Technology, Pune	2018	**8.77** (CPI)
2.	12th	Maharashtra State Board	2014	**86.31**%
3.	10th	Maharashtra State Board	2012	**94.91**%

ACHIEVEMENTS

- Kick started journey at **UBS** by **winning Hackathon 2018**, India and first runner up **APAC**.
- Successful launch of the **UBS Tech Conference app** both on Play Store and AppStore in a duration of less than a month.
- Qualified for **Smart India Hackathon 2017 Finale** conducted by **Govt. of India** among 1000+ teams.
- Facilitated by **Dean of Student Activities** for being a core member for **Programmers' Hub 2017**
- Qualified into **Top 5%** teams in **CodeVita 2016** by TCS
- Finalist of event Infinity of Things at **TechFest 2015** (IIT Bombay)
- Certified JAVA Programmer by **Seed Infotech**