**AKASH RAUT**

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**EDUCATION**

University of South Florida — Master of Science in Business Analytics and Information Systems *May 2023*

Veermata Jijabai Technological Institute — Bachelor of Information Technology *May 2016*

**CERTIFICATION**

**Salesforce Certified Platform Developer-1** | **Salesforce Certified Administrator** | **Salesforce Certified App Builder**

**WORK HISTORY**

**USF |** Tampa, FL**|** Tableau Mentor-Graduate Assistant *Feb 2022 - Present*

* Designed **Tableau projects**/assignments for approved courses, reviewed tableau projects in the syllabus
* Implemented a python script to **automate data upload** from excel sheets into **SQL database**, reduced manual efforts by 60%
* Experimenting and evaluating a ML model to analyze video submissions by identifying patterns in speech and images

**Wipro Pvt. Ltd. |** Pune, IN | Senior Project Engineer - FullTime *Oct 2019 - Aug 2021*

* Managed the development team in **Agile environment**, effectively monitored team’s throughput and commitments, engaged with business analysts and leaderships to understand the requirements and expectations
* Coordinated the **migration** of the legacy **CRM system** to **Salesforce**, optimizing **security**, **visibility** and **sharing** by setting **OWD**, user **profiles**, **permission sets** and **role hierarchy**, improved user experience and boosting usability by 20%
* Developed user interface with **LWC** and **Aura components**, handled functional customization with **apex classes**, **triggers**, **batch apex**, **Rest API** with **+85% test coverage**.
* Utilized **standard objects**, added **+30 custom objects**, **page layouts** and **record types**, automated **user provisioning** via **JIT handler** utilizing **custom settings** and **custom metadata**. Implemented complex sharing and visibility by **apex sharing**
* Developed **+20 interactive dashboards** in **Einstein Analytics** (Tableau CRM) to gain insights on activities between bankers and clients respecting the visibility and sharing to improve operational efficacy
* Designed Salesforce Application to move Bankers from Excel sheets to integrated **Salesforce application**, mitigating the risk of visibility and sharing to 0%.
* Established and cultivated cross functional teams’ collaborations by encouraging transparent, frequent and details interactions

**Bank of America |** Mumbai, IN | Senior Software Engineer - Full Time *Jul 2016 - Oct 2019*

* Integrated **Salesforce Sales cloud** and **Marketing cloud** to alleviate the dependency on third party services, achieving +$100k cost efficiency per annum
* Drove front-end development to redesign FA (Financial Advisors) Portal using **Lightning Aura** framework, **AngularJS** and **Visualforce pages** improving customer satisfaction and user experience.
* Worked on **salesforce customization** using **apex classes**, **apex triggers**, **batch apex**, **webservices** respecting records sharing and visibility. Queried Salesforce data using **SOQL** to view and manipulate the records in apex code
* **Override standard actions** with Aura component to allow actions based on custom validations
* Streamlined code deployment, by implementing **CI-CD** using **Bitbucket (git)** & **Jenkins** pipelines, speeding deployment to multiple environments, facilitating smarter and faster code collaboration, results in **0% code overrides**
* Mentored and directed new talents to fast track functional and technical onboarding, conducted knowledge transfer sessions on **Salesforce development**, **Lightning Web Component**, **Sales cloud** and **third-party integration services**

**MAQ Software |** Mumbai, IN | Data Analyst – Summer Intern *May 2015 - Jul 2015*

* Created, optimized, and maintained **+10 tables**, **views**, **triggers**, **schemas**, **indexes** across multiple databases on **SQL server**
* Executed and managed **cluster** and **non-clustered indexes**, optimized **queries performance** with **execution plans**
* Utilized **joins** and **sub-queries** to produce intended data results for complex business questions

**ACADEMIC PROJECTS**

**101 Food Vision Image Classification**

* Built a deep learning model with **81.67% accuracy** in classifying 101 food classes on Food101 tensorflow dataset.
* Used **transfer learning** by leverage **EfficientNetB0** model pretrained on ImageNet for feature extraction and fine-tuning top 10 layers. **Enabled mixed precision** to boost model performance on GPU.
* Set up **Tensorboard** & **Model Checkpoint** callbacks to visualize performance and save versions of training model

**TECHNICAL SKILLS**

**Salesforce Customization:** Apex class, Triggers, Asynchronous apex, Webservice( API), Lightning Web Component( LWC)

Aura Component, Visualforce page, SLDS

**Salesforce Configuration:** Workflow, Process Builder, Approval Process, Role hierarchy, Page Layout, Email Template

App builder, Sharing and Security, Standard & Custom objects, Validation rules

**Salesforce Tools:** Data Loader, Workbench, Data Import Wizard

**Salesforce Visualization:** Tableau CRM, Reports and Dashboards

**Programming:** Python , JAVA, C++

**User Interface :** Angularjs, javascript, HTML, CSS

**Deployment Tools:** Bitbuket, Git, Jenkins, Ant

**Project Management Tools:** Rally, JIRA