Ashish Sutariya

"Solve the problem. Write the code"

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EDUCATION

Binghamton University, SUNY | Thomas J. Watson College of Engineering and Applied Science Expected December 2023
Master of Science – Information Systems *(Data Science)*

Gujarat Technological, University, India May 2013 - May 2017
Bachelor of Engineering – Computer Science & Engineering GPA: 3.36/4.0

SKILLS & INTERESTS

Languages: Python (SKLearn, Pandas, NumPy, matplotlib, Flask), JavaScript (ES6+), Java (8,11), Scala, C++, SQL

Tools: Eclipse, TensorFlow, Visual Studio, Android Studio, XCode, SVN, Jira, WinSCP, Putty, MS-Office, Postman, Jupyter, Power BI

Coursework: Machine Learning, Model Evaluation, Data Pre-processing, Data Analysis, Design Patterns, Blockchain, Management of Information Systems, Software Project Management, Data Mining, Data Structures, Natural Language Processing (Python)

Database: MySQL, PostgreSQL, MongoDB, DynamoDB, Oracle 12c

Technologies/Frameworks: Apache Spark, Hadoop, Hive, Elasticsearch, Kibana, React Native, Node JS, Angular JS, SpringBoot, SOAP/Rest Services, Finacle Mobile & E- Banking, Kafka

RELEVANT EXPERIENCE

Airtel Thanks/Payments Bank – Senior Software Engineer, India January 2022 - August 2022
React Native | React JS | JavaScript | Java 11 | SpringBoot | REST
• Developed *Payments Gateway* using *React Native* for Android/IOS to add funds to mobile wallets
• Implemented Rest API to validate data and support the Payment gateway services backend
• Utilized *React Native Maps API* to develop *Potential Customers interface and services* for low-level design of supporting APIs with Java 8
• Responsible for ideating mobile wireframes with *Figma, React Native* and low-level design of supporting APIs with Java 8
• Spearheaded the *requirement gathering* and *feasibility analysis* directly with Stake Holders for the development of Banking Services

Prudential Pulse Mobile– Senior Software Engineer, India January 2021 - January 2022
React Native | JavaScript (ES6+) | Java 8 | SpringBoot
• Conceptualized and conceived a utility API used across the application that was appreciated by the Client
• Implemented the *local currency API* to display formatted currency based on location and language
• Integrated the *Native Module– Biometric Authentication, React Native Maps* to drop and select an address in Map for Pulse e-commerce
• Implemented *Redux* for handling state management within the application
• Ideated and implemented functionality to display customers-focused products by validated mail addresses
• Developed *Rich Text format* component to insert details with text formatting options like bold, italic, colored, bullets, indentation, etc.

Finacle Banking Application – Senior Systems Engineer, India December 2018 - January 2021
React Native | React JS | JavaScript (ES6+) | Java 8 | SpringBoot | REST | SOAP
• Created custom utilities with Java for *validating critical banking details* to secure backend services
• Developed APIs for *Finacle Mobile-Banking & E-Banking* developed using Java and SpringBoot
• Utilized *SOA Messaging service* to implement *asynchronous task* message queues
• Executed *unit testing* and use case scenario validations for minimal defect and application reliability
• Implemented service requests- *Apple Pay*, *open an account, request chequebook, bank statement, set credit card, salary advance,* etc
• *Re-engineered the service request module* to hybrid request from traditional service request journey implementing *Design Pattern*
• Managed Onsite-Offshore delivery model along with progressive project phases – *SIT, UAT*,etc

RECENT PROJECTS

• **Tweet Business Analysis**: Extracted insights by processing and analyzing data attained by 10000 tweets for each crypto currency to assess *positive and negative sentiments* using *data preprocessing and data mining analysis models*.
• **Django Course Registration**: Prepared a *dashboard for maintaining student and coursework registry* using Django and PostgreSQL.
• Applied Machine Learning models to Datasets to develop data prediction models using Regression, KNN, SVM Machine Learning Models.
• Trained *Machine learning models on video* files and *Open CV2(Computer Vision)* to implement *facial recognition* and identification.
• *Evaluated and visualized* the performance metrics for *best fit machine learning models* using different metrics like *R2, Confusion Matrix, RMSE, Gini co-eff, Gain and Lift* charts.

ACHIEVEMENTS

• Published A Survey: On developing a system that reads real-time data of a vehicle and performance records as per the statistics collected *[ISBN: 978 93 84224 73 8]*
• Designed and Developed Web Application for National Level symposium IMAZE 2017, IMAZE 2016. Created an online gateway to handle the online bookings and user credential registration, identification, and classification platform throughout the various phases
• *Database Administrator* for National Level symposium IMAZE 2016. Managing crucial data of over 8000 individuals in over 40 categories
• Infosys Training: Secured 85% in training at Infosys Mysore and was among top High Performer students in a batch of 1600 students