Serene Mathew

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in Serene's Linkedin 🐙 Serene's Github

Career Objective

Motivated and proactive Computer science post-graduate eager to embark on a career journey in the Software industry. Equipped with a strong academic foundation and hands-on experience in coding, testing, and problem-solving.I am Seeking an opportunity to work as part of a talented software development team, where I can contribute fresh perspectives, rapidly adapt to new technologies, and play a key role in creating cutting-edge applications that address real-world challenges.I strive more under pressure and deliver the task oriented solutions effectively.

Work Experience

Allstate India Pvt. Ltd.   *Jan 2023 – July 2023*
SDE Intern   *Bangalore, Karnataka*

- Developed and maintained Adobe Analytics tags for Android and iOS Libraries under live application Development
- Collaborated with overseas colleagues and cross-functional teams to provide solutions.
- Used source and Build control tools Like Git and Jenkins for production
- Supported Web team in developing JavaScript Adobe Analytics Tags
- Provided support for Web Analytics by Generating Adobe analytics Reports
- Created iOS and Android Applications as part of training.

Projects

Allstate Mobile Application   *July 2023*
iOS and Android application (Kotlin, Swift, Adobe Analytics SDK)   *Allstate India, Bangalore*

Through my contributions to this project, the organization successfully integrated Adobe Analytics tracking into Android and iOS applications, providing stakeholders with valuable insights into user behavior and application performance. The Analytics tags that I developed for datalayer, streamlined the integration process, reduced development time, and improved the accuracy of analytics data. By employing Git for version control and Jenkins for build control, we ensured a reliable and efficient development and deployment.

NoteCore   *June 2023*
iOS Application (Swift, Cocoapods, Carthage, Firebase, CoreData)   *Allstate India, Bangalore*

Developed an iOS Application to take notes with ease, with added functionality to signin using Google and saving data, used Cocoapods to integrate API's into the Application. The data was managed using CoreData. also Integrated Adobe Analytics tags to Implement Data Analytics For iOS Application to Visualize the User Interaction with the application.

Personality-Predictor   *Dec 2022*
Jupyter Notebook (Machine Learning, Python Libraries, XGBoost Classifier)

Developed a machine learning model that will predict a persons personality based on the MBTI types that is Myers-Briggs Test. The Data is split into 60-40 to test and train the model. Compared various classifiers to check which one was more efficient. Using a persons textual references like paragraphs, letters, emails, we can predict a persons personality with better accuracy. The conclusion was that XGBoost Classifier was more efficient with respect to model.

Our-Hostel   *Oct 2020*
Web Application (HTML, JavaScript, PHP, MySQL)

A low-cost Hostel management system that monitors the students entering and leaving hostel also monitors the monetary needs of the students like fees and displays the status on the screen. This system was implemented using JAVA script, PHP and MySQL with Xampp.It can track students when leaving and coming to hostel. It also keeps track of accounting related to hostel fees.

Education

Master of Computer Applications (MCA)   *New Horizon College Of Engineering*
Master's degree   *Nov 2021 – August 2023*
Thesis Paper: Breast Cancer Classification Using Neural Network
CGPA: 8.85

Bachelor of Computer Applications (BCA)   *New Horizon College, Marathalli*
Bachelor's degree   *July 2018 – Sept 2021*
CGPA: 8.63

Technical Skills

Programming Languages   Java, Python, Kotlin, Swift, SQL, JavaScrit, PHP

Tools & IDEs   IntelliJ IDEA, XCode, Android Studio, Jupyter Notebook, Git, Jenkins, Adobe
Analytics, MySQL Workbench

Licenses and Certifications

Implement Adobe Analytics *(Udemy)*
SwiftUI Masterclass 2023 *(Udemy)*
Kotlin Android Development Masterclass *(Udemy)*
Kali Fundamentals *(Cybrary)*
JavaScript Algorithms and Data Structures *(freeCodeCamp.org)*
Beginner Python for Data science *(DataCamp)*
Intermediate Python for Data science *(DataCamp)*

Publications

IEEE 2023 International Conference - Breast Cancer Classification using Neural Networks Published link

References

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