Prathamesh Chakote

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Education

Master of Science in Computer Science *Sept 2023 - March 2025*
Portland State University, Portland, Oregon **CGPA 4.0/4.0**

Bachelor of Technology in Computer Science and Engineering *Aug 2016 - July 2020*
Shri Guru Gobind Singhji Institute of Engineering, Nanded, India **CGPA 7.93/10.0**

Skills

Coursework: Machine Learning, Algorithm Design, Operating System, Database Management, Data Mining, Computer Security, Artificial Intelligence, Internet Web and Cloud Systems
Programming Languages: Swift, Objective-C, React Native, Java, Python, SQL, HTML, CSS, JavaScript
Frameworks: UIKit, CoreData, SwiftUI, CoreAnimation, Combine, Numpy, Pandas, scikit-learn, TensorFlow
Databases: PostgreSQL, MySql, SQLite, MongoDB
Tools: Xcode, Flutter, Docker, AWS, Jira, Charles Proxy, Jupyter, Git, Gitlab, Postman, TestFlight, VSCode

Work Experience

iOS Developer | Cavista Technology Private Limited, India *Sept 2022 – Sept 2023*

- Collaborated on 'Axxes's Home Health' mobile application using Agile methodologies, implementing various functionalities like enabling multiple attachments to messages and integrating clinician visit notes.
- Improved the product quality by 10% through code review, code refactoring, and writing unit tests.
- Used Firebase Crashlytics to support developers in diagnosing and fixing bugs in an application which helps to improve 15% app efficiency.
- Leverage Combine framework and Core Data for the use of application in the offline Mode.
- Collaborated with the scrum team of 9 to translate product requirements into implementable user stories.

iOS Developer | Raja Software Labs, India *Aug 2020 – April 2022*

- Worked as a vendor for the development and enhancement of features on the LinkedIn iOS mobile application.
- Developed delegates to update model information and implemented MVC, and MVVM architecture; also, wrote reusable, efficient, and maintainable code with a focus on the user interface.
- Analyzed user needs and workflows to create easy-to-use interfaces programmatically with Auto Layout.
- Upgraded old code bases to modern development standards, as migrated code from Objective C to Swift language reducing operating costs and improving functionality.
- Make RESTful API calls to send and receive data from the servers. Developed and implemented code for comprehensive unit tests and UI tests to ensure codebase stability.

Projects

Food Order Mobile Application | SwiftUI, XCode, Swift, JSON

- The Appetizer iOS App is a streamlined application designed for both restaurant and food delivery contexts, this app simplifies the process of selecting and managing appetizer orders.
- Leveraging the efficiency and elegance of Apple's swiftUI framework, this application offers a user-friendly interface across three primary screens: Home, My Account, and Orders.

Ecommerce Customer Churn Analysis and Prediction | Scikit-learn, XCode, Mice library, Pandas, Seaborn,

- Integrating Machine learning Model to iOS Mobile Application using CoreML framework.
- Developed machine learning models for e-commerce customer churn prediction, employing Mice library for handling missing data. Facilitating effective retention efforts and fostering business growth.

MNIST handwritten digits recognition | python, panda, numpy, seaborn, matplotlib

- Implementation of a neural network model with backpropagation algorithm for image classification using the MNIST dataset for hand-written digit classification.
- Tuned various hyper parameters such as learning rates, momentum, hidden units, and training data sizes to get high accuracy.