Akshay Matre

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iOS Developer

Professional Summary

* Results-driven iOS Developer with overall 4 years of experience where 3 years invested in designing, developing, and maintaining high-quality iOS applications and 1year for web applications.
* Proficient in **Swift**, **MVVM**, and Coordinator pattern with a solid understanding of memory management, concurrency, and multi-threading.
* Passionate about delivering exceptional user experiences and collaborating with cross-functional teams to drive innovation.

Skills Summary

* **Programming Languages** – Swift
* **Frameworks & Libraries** – Combine, SwiftUI, Core Data, UIKit.
* **Design Patterns** – MVVM, Coordinator, Observable, Delegate, Singleton, Factory, Builder, Dependency Injection
* **Programming Principles** – Object Oriented Programming(OOP), SOLID Priniciples, DSA
* **Testing** – Local Unit Testing (XCTest), Saucelabs
* **Security & Storage** – Keychain, UserDefaults
* **Performance** - Memory Management, Concurrency, Multithreading, OOP, DSA, SOLID, Optimization
* **Version Control** – Git, Github, Sourcetree, JIRA, Confluence
* **Web Technologies** – Bootstrap, JavaScript, React, Redux, TypeScript

Work Experience

**Software Engineer, HCL Tech** Hyderabad | May 2022 – Present

Project - #1[**IKEA Financial Services**](https://apps.apple.com/gb/app/ikea-financial-services/id1542576074) – Loan and Credit Card App

Responsibilities – UI Development, API Integration, Logic Refactoring, Optimization

* Initiated in designing, and developing features for the IKEA Financial Services App across UK and Sweden with hands-on experience using Swift, SwiftUI.
* Collaborated on reusable components for UI along with screens, functionalities, and API implementation related to loan.
* Developed dynamic **Signpost Banner** to display personalised physical card activation messages.
* Implemented **Instalment Hub** enabling users to converts credit card transactions into EMIs.
* Implemented a responsive **Rewards Tab**, fetching contents from **JSON** file stored in Firebase Storage and supports **deep linking** via **in-app** browser integration.
* Accomplished a much cleaner codebase by implementing MVVM architecture, maintained code quality using SonarQube.
* Implemented web services for communicating with multiple backend using **WebSocket** and **REST APIs**.
* Maintained a crashfree app by monitoring with **firebase** **Crashlytics** as well as keeping the user engagement metrices using **analytic** events

**Frontend Developer, Projcon Group**  Nagpur | Jun 2021 – May2022

Project - #1[Project Controls Institute](https://projectcontrolsinstitute.com/int) – Joomla-based Edtech webapp that provides online courses for the Project Management

Responsibilities – UI Development

* Developed and Managed interactive e-learning web pages using **HTML, CSS, JavaScript**.
* Migrated web content from Joomla to a custom CodeIgniter framework in collaboration with backend developers

Personal Projects

**Dr. Appoint – Appointment Booking App** 23 Dec 2023 – 28 Dec 2023

Technology Used – Swift, UIKit, CoreData | [Github](https://github.com/matrecode/DrAppoint)

* Implemented login and register functionality
* Implemented appointment setting functionality where user can set the appointment for self and others.
* Admin can add, delete, update and read the doctors.

**Sheets – Clone of Google Sheet** Sep 2023 – Jan 2024

Technology Used – HTML, CSS, JavaScript | [Live](https://akshaymatreexcelclone.netlify.app/)

* Implemented Sheet with Vanilla JavaScript. Implemented formula evaluation with no overlapping using graph cycle detection, dynamic cells using matrix, copy-cut, font style, color, size changed functionality.

**Admin UI – Dashboard for userbase** Jun 2023 – Aug 2023

Technology Used – HTML, CSS, JavaScript |[Live](https://akshaymatreadminui.vercel.app/)

* Built an Admin UI with filtering, pagination, delete/edit/read functions**, Axios** API integration, and performance tested with Lighthouse. Utilized **React** forms, **useState**, props, **useEffect**, and parent-child communication.

Professional Internship

**Frontend Developer,** Sprigrer Technology Pvt. Ltd. Remote | Oct 2020 – April 2021

* Learnt React for project requirement to build UI.
* Worked on React Native task. Utilized skill to build personal website for the company and built snippets for the dashboard.

**Web Designer, Contiguvenzaa Pvt. Ltd.** Nagpur | Jan 2020 – Oct 2020

* Learnt UI/UX principle, learnt photoshop and Adobe XD to design webpage.
* Learnt HTML5, CSS3, Bootstrap4, JavaScript and jQuery to build website and developed various snippets require for website.

Education

**Bachelor of Science,** Nagpur University Nagpur | 2016 - 2019