



PIYUSH SINGH

Web & Application Developer

piyushsingh9862@gmail.com | 8090838699 | Delhi, India

LeetCode | GitHub | GFG | LinkedIn

EDUCATION

Jaypee institute of information technology

Bachelors Computer Science

CGPA: 8.0

Noida India

June 2020 - June 2024

Jagran Public School

Class 12 (PCM+Computer Science)

Percentage: 90%

Lucknow India

Jagran Public School

Class 10

Percentage: 91.2%

Lucknow India

EXPERIENCE

ByteSong | SDE-Mobile

Noida | July 2023 - Present

- Developed **iOS** applications using **MVVM** design pattern, ensuring a clear division between UI, business logic, and data layers.
- Created custom UI components and animations, leading to a **40%** reduction in loading times and a seamless user experience.
- Utilized **Core Data** with **NSPersistentContainer** for local storage, enabling efficient CRUD operations & data management.
- Optimized data synchronization using **Firestore listeners**, reducing latency for a more responsive user experience.
- Leveraged **SwiftUI's** performance optimizations, resulting in a reduction in UI rendering time.

SquadStack | Summer Intern

Noida | June 2023 - July 2023

- Strategically identified and analyzed **key clients**, addressing their challenges with tailored and impactful solutions
- Conducted **data-driven** research, employing advanced **analytical techniques** to derive strategic insights effectively
- Proficiently employed **Python scripting** to establish robust **integration** with the **crunchbase API**, facilitating seamless extraction and dynamic synchronization of data.
- Applied **data analytics** and **visualization** to synthesize actionable insights from extensive **research** endeavors.

DevBytes | Product Growth Intern

Remote | April 2023 - June 2023

- Strategically formulated engagement strategies, including **A/B tests** and user behavior analysis, propelling DevBytes app to **No. 1 in developer charts** with **100K+ downloads**.
- Analyzed **KPIs** and retention metrics, optimizing features for a remarkable **43% surge** in app retention.
- Leveraged **data-driven insights** for conversion rate optimization, contributing to a noteworthy rise in user conversions.
- Collaborated seamlessly with designers, engineers, and marketing agency to ensure punctual project delivery.

BMS INFOTECH | SOFTWARE DEVELOPMENT INTERN

Remote | October 2022 - March 2023

- Collaborated in a **ReactJS** project; developed landing pages, dashboards using React with **95%+** component reusability.
- Engineered critical components for integrating **Apache Echarts**, playing **embedded videos** thus enhancing user engagement.
- Streamlined **API** interactions using **Express** on **NodeJS backend**; fine-tuned **endpoints** with **caching**, resulting in a significant reduction in average response times.
- Practiced **agile methodologies** to ensure continuous integration and delivery.
- Utilized databases like **MySQL** and **MongoDB** for dynamic data storage; optimized collections, yielding a increase in storage efficiency.

SKILLS

Programming Languages:

Libraries/Frameworks:

Tools / Platforms:

Databases:

Swift, JavaScript, Python, Solidity, C, C++ (With a strong hold of DSA)

SwiftUI, UIKit, React, JQuery, NodeJS, CSS, Bootstrap 5, BeautifulSoup4

Git, Github, Xcode, VsCode, Amplitude, Figma, Google Analytics, LeadIQ

Firebase, MYSQL, PostgreSQL

PROJECTS / OPEN-SOURCE

GoGeo | Link

SwiftUI, MapKit, MVVM

- Built a dynamic **SwiftUI** app with real-world locations, employing **MVVM** architecture for modular design.
- Crafted responsive UI using advanced SwiftUI features: frames, alignments, animations, and fluid transitions.
- Integrated SwiftUI with native **MapKit framework** for interactive SwiftUI Map component, enhancing location-based functionality.

Route Master | Link

ReactJS, NodeJS, Javascript, Vercel

- Engineered a high-performance **React** web app, integrating **TomTom API** for dynamic mapping and efficient route computation
- Implemented algorithm to calculate optimal route, displaying fuel cost savings based on selected route.
- Leveraged TomTom API for precise mapping and routing, enhancing app accuracy and user experience.

Flash Chat messenger | Link

Swift, UIKit, Firebase, Cocoapods

- Developed **iOS** messenger app with **Swift**, **Firebase** for authentication, real-time messaging, and data storage.
- Enhanced app with third-party libraries via **Cocoapods**, extending features for enriched user experience.
- Seamlessly integrated Firebase backend, utilizing **Firestore** for real-time messaging, improving user engagement.

NFTSure | Link

Next.js, Solidity, Truffle Suite, Pinata IPFS Ethereum Blockchain

- Created a platform for minting and trading digital artwork and issuing digital degrees for educational organizations.
- Used **NextJS** and **Solidity** for front-end and back-end respectively and deployed using **Truffle Suite**, and integrated with **IPFS** using **Pinata** for storing artwork and degree certificates.

CERTIFICATIONS

- Virtual Experience Program - **JPMorgan Chase & Co.**

- iOS App Development - **iOS & Swift - The Complete iOS App Development Bootcamp**