

# Parth Shah

Experienced software engineer with a focus on building engaging and accessible digital experiences

Toronto, Ontario, Canada | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

 [parthshah.ps921@gmail.com](mailto:parthshah.ps921@gmail.com) |  [437-424-5838](tel:437-424-5838)

## Summary

Innovative and experienced software engineer with a proven track record in designing, developing, and enhancing accessible digital experiences. Specializing in mobile app development, full-stack projects, and leading accessibility initiatives. With a strong foundation in both technical skills and teamwork, I excel in fast-paced environments, driving projects from conception to deployment while fostering collaboration across teams.

## Skills

<b>Programming</b>	Swift, Java, JavaScript (ES2015+), Typescript, HTML, CSS
<b>Libraries &amp; Frameworks</b>	React, SwiftUI, Next.js, React Native, Tailwind CSS, Express.js
<b>Tools &amp; Platforms</b>	Xcode, Android Studio, Visual-Studio Code, Git, GitHub, Big-bucket, Netlify, Vercel, Firebase, Storybook, Figma, Trello, Zeplin, Jira, SourceTree, Postman, Eclipse, Cyclic

## Work Experience

### [Mobio Solutions](#)

*Ahmedabad, India*

Software Engineer

*Sep 2021- July 2022*

- Build, style, and ship high-quality design systems, mobile apps, and cross platform digital experiences for a diverse array of clients using technologies such as Swift, Java, React-native, CSS, JavaScript, CSS, TypeScript, SwiftUI, and more
- Lead the development and architecture of technical tools like content management systems, REST APIs, and continuous integration pipelines to fulfill business requirements
- Work alongside product & and project managers, designers, and other engineers to transform creative concepts into refined digital experiences at an agile (2-week) cadence
- Spearhead company-wide accessibility initiatives such as creating documentation for best practices, establishing a standard accessibility checklist for developers, and facilitating knowledge shares
- Clients included **DPWorld**, **Intech**, and more
- Worked with the UIKit, swiftUI, RESTful APIs and integration of web services, and mobile app development frameworks and libraries for IOS Development.
- Worked on React-Native Projects with uses of Context API, React-Redux, React Hooks, and NativeComponents/Plugins of both platforms Android/IOS.
- Deployed apps using Play Store Console, App Store Console Certificates, and Profiles
- Maintain and enhance the mobile CI/CD pipeline and tooling.

### [iTechnosol Inc](#)

*Vadodara, India*

Software Developer

*Jan 2019 - Aug 2021*

- Built and delivered technical solutions according to stakeholder business requirements
- Performed quality assurance tests on various sites to ensure cross-browser compatibility and mobile responsiveness
- Collaborated with designers and other developers to ensure thoughtful and consistent user experiences across Itechnosol's IOS and Android mobile apps
- Built and delivered technical solutions according to stakeholder business requirements
- Provide leadership within the engineering department through close collaboration, building tools to improve developer experience, and mentorship
- Projects were created using appropriate Architectures, such as **MVC** and **MVVM**, and performed Version Control using tools like **GitHub** **BIT-BUCKET**, and **GitLab**.
- Translate design and wireframe mockups into functional mobile apps

## [Skynet Computers](#)

Vadodara, India

Software Engineer Intern

May 2018 - Apr 2019

- Create an Android application for transportation companies to automate routes and manage drivers.
- Generated the shortest Automatic route for the car on entering a location with a stop point with the help of a traveling salesman algorithm implemented in JAVA.
- Integrated mobile applications with Google Maps API for generating routes.

## Education

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### Humber College

Toronto, Canada

POST GRADUATE CERTIFICATE

Sept 2022 - April 2024

- GPA: 8.2 Relevant Project: Capstone Project, Mobile Application and Web Development Projects

### Gujarat Technological University

Vadodara, India

BACHELORS IN COMPUTER SCIENCE AND ENGINEERING

Jun 2015 - May 2019

- GPA: 8.1. Relevant Project: Database Management, Software Development

## Projects

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### [Hylyt - IOS - White Label App](#)

**Technologies used:** Swift, Node.js, GRDB database, Agora video call, Firebase, OneSignal

- Implemented full redevelopment of application for new UI
- Worked on Advanced Encryption, Adaptive User Interface, Backup and Restore Functionality, Real-time Communication Tools, Social Media Integration, Performance Optimization, and Memory Management.
- Optimized Hylyt's user experience by managing local databases and streamlining API interactions

### [Edulars](#)

**Technologies used:** Swift, Node.js, MongoDB, Firebase, Express, GCP( Google Cloud Platform)

- Led the development of Edulars, a comprehensive educational platform, employing advanced analytics to track and enhance employee effectiveness, integrating a robust set of features including real-time collaboration tools and personalized learning
- Implemented various logics to maintain day-to-day employee data

### [Hi World Connect](#)

**Technologies used:** React- Native, Node.js, MongoDB, Firebase

- Developed a comprehensive platform for creating, sharing, and managing digital business cards and voice notes.
- Implemented seamless social media integration for easy sharing and expanded network capabilities.
- Integrated RESTful APIs for efficient and reliable data exchange between the app and server.
- Utilized technologies such as Context API, React Hooks, and Redux for state management, alongside native modules and third-party libraries to enhance app performance and user experience.

### [Glimpulse](#)

**Technologies used:** Swift, Core Data, Firebase Cloud Messaging (FCM)

- Developed an innovative app for designing and sharing personalized stickers, events, and special occasions.
- Implemented Core Graphics and Core Animation for dynamic sticker customization, offering users creative flexibility.
- Employed Agile development methodologies, facilitating rapid iterations based on user feedback to improve app features and usability.

### [AMNS Hospitality](#)

**Technologies used:** React- Native, Node.js, MongoDB, Firebase

- Integrated Redux for efficient state management across the app, ensuring a consistent and responsive user interface.
- Incorporated React Hooks to manage the app's state and lifecycle features in functional components, promoting cleaner and more readable code.
- Utilized Axios for robust API calls, enabling seamless data fetching and synchronization with the server.

### [QuickBite](#)

**Technologies used:** Swift, Core Data, Firebase Cloud Messaging (FCM)

- Designed and developed QuickBite, a mobile app for iOS, as a part of my coursework at Humber College, focusing on delivering a seamless food ordering experience.