

SWAPAN KUMAR PAUL

Full-Stack Developer

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I am a Full stack developer with 3.5 years of experience, specializing in Angular, Ionic, Bootstrap, Node.js, MongoDB, Firebase, RxJS, and Git, as well as IoT cloud integration. I have successfully completed over 11 projects, demonstrating my ability to build responsive and interactive front-end interfaces using Angular and Ionic, while also developing scalable server-side applications with Firebase. My experience with NoSQL databases like Firebase and MongoDB has allowed me to manage data efficiently. I am proficient in using RxJS to handle asynchronous operations effectively and source control systems like Git. As a proactive team player with excellent problem-solving skills, I am passionate about writing clean, maintainable code and staying updated with the latest industry trends. I am eager to contribute my expertise and drive innovation in a dynamic development environment.

Experience

● Technogiq It Solutions, Indore

July 2023 – Present

- Successfully delivered projects, applying Angular and Ionic to create dynamic and responsive applications for both mobile and web platforms.
- Utilized Cloud Firestore as the backend infrastructure and Firebase for database management, ensuring efficient and scalable solutions.
- Took an active role in project planning, setting clear objectives, managing timelines, and ensuring alignment with client expectations.
- Focused on developing core functionalities that enhanced application performance and provided a seamless user experience.
- Leveraged GitHub for version control, facilitating smooth collaboration among team members and maintaining high standards of code quality.
- Continuously explored and integrated the latest technologies to innovate and improve project outcomes, contributing to the overall success of the company.

● Quadralyst Pvt. Ltd, Indore

October 2021 - July 2023

- development of five projects at Quadralyst, utilizing Angular and Ionic to build responsive mobile and web applications.
- Employed Cloud Firestore for backend services and Firebase for data management, ensuring robust and scalable solutions.
- Actively participated in project planning, defining project goals, timelines, and ensuring successful delivery.
- Developed key functionalities across projects, enhancing user experiences and optimizing application performance.
- Utilized GitHub for version control, managing code repositories, collaborating with team members, and maintaining a streamlined development workflow.
- Consistently enhanced code quality and integrated real-time technologies to achieve project objectives and improve overall application performance.

Projects

1. Lights There App

<https://play.google.com/store/apps/details?id=io.lights.starter>

- Lights There is a provider of commercial-grade LED lighting products and services.
- I am part of the project team, involved in project planning and primarily focused on functionality development, which includes developing UI components, integrating the Firebase backend, optimizing data flows with RxJS, managing code using Git, and ensuring smooth functionality through manual testing.

2. Pub Partner App

<https://play.google.com/store/apps/details?id=io.pubpartner.starter>

- A pub partner app designed to help users find partners to visit pubs.
- Users can create profiles with personal details and interests, search for matched partners, and chat to discuss live-in partnerships.
- I efficiently developed and integrated design components and APIs within the mobile application, emphasizing functionality and ensuring seamless performance. Additionally, I managed code using Git to maintain version control and streamline collaboration.

3. 24/7 Blu Assists

<https://play.google.com/store/apps/details?id=io.bank.standard>

- An emergency response app that integrates various services into one platform, revolutionizing how individuals deal with emergency situations.
- I focused on functionality development by expertly integrating design components and APIs into the mobile application, ensuring optimal performance and a seamless user experience. Additionally, I managed code using Git to maintain version control and streamline collaboration.

4. PartyTambola

<https://play.google.com/store/search?q=party+tambola&c=apps>

- A digital Tambola/Housie app allowing users to play without physical tickets or pens.
- I was part of the front-end team, responsible for developing UI components, functionality development, integrating Firebase backend, and ensuring smooth functionality through manual testing.

5. Medstoch

<https://play.google.com/store/apps/details?id=com.medstoch.app>

- A supply chain and business network app for pharma stockists and retailers.
- I developed responsive UI components, functionality development, implemented client-side validations, and integrated the backend with Firebase.

6. HSBC

<https://demo2.smarbl.com>

- A banking app featuring a productivity dashboard for managing tasks and planning.
- I built user-friendly interfaces, collaborated on API integration, optimized data flows with RxJS, and managed code using Git.

7. Bhautiki

<https://play.google.com/store/apps/details?id=co.april2019.bip>

- An educational app for JEE and NEET preparation.
- I created UI components, implemented dynamic page designs, and ensured app functionality through manual testing and bug fixing.

8. Train me hire m

<https://play.google.com/store/apps/details?id=in.trainmehireme.app>

- A job searching and career development app.
- I developed front-end UI components, integrated Firebase backend, and performed manual testing to confirm functionality.

9. Rullo App

<https://apps.apple.com/in/app/pubpursuit-app/id6443941186>

- A mobile application that allows users to discover nearby bars and restaurants with real-time ratings, images, and map integration for location-based search.
- The app includes functionality for users to mark favorites for quick access.
- I efficiently developed and integrated design components and APIs within the mobile application, emphasizing functionality and ensuring seamless performance. Additionally, I managed code using Git to maintain version control and streamline collaboration.

10. Step It APP

- A smart fitness app that integrates an ESP32 board with a mobile application to track exercise data in real-time via Bluetooth connectivity.
- Managed hardware connections and coded functionality in Arduino IDE.
- Developed automatic connection and data synchronization features.
- Integrated APIs for real-time pedal count updates.
- Enabled tracking of exercise data like duration, strokes, and goals.

11. Vlees-in-the-box

<https://www.vlees-in-the-box.be>

- Vlees-in-the-Box is an online butcher delivering premium, freshly cut meat directly to your home. Enjoy high-quality cuts and preparations with the convenience of home delivery.
- Leading front-end development for both mobile app (Ionic) and website (Angular) for a food delivery platform.
- Integrated Firebase for real-time updates and notifications.
- Backend is managed with OpenCart, ensuring seamless e-commerce functionality.

Education

● Sarasvati higher secondary school sarni

- SENIOR SECONDARY SCHOOL EXAMINATION - 76%

● BIST Bhopal, RGPV

- BE in Computer Science - 65%

Skills

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|-----------|--------------|------------------|
| • Angular | • Bootstrap | • Firebase |
| • ionic | • RxJs | • GitHub |
| • Html | • TypeScript | • cloud Firebase |
| • Css | • MongoDB | • Arduino IDE |
| | | • Express.js |

Declaration

I solemnly affirm that the above information is true to my knowledge till date.