

SAGAR YADAV

Gurgaon

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Education

Chandigarh University

Bachelor of Engineering in Computer Science

July. 2018 – June 2022

Mohali, Punjab

Experience

Digit, Insurance

Software Engineer

July 2023 – present

Pune, MH

- Developed Multiple modules like Motor Endorsement, Investigation, Health Renewal, and Marine Insurance for Digit Partner App, which resulted in an increment of **30% of users**.
- Worked with Google Firebase to manage user-inputted data across multiple platforms including web and mobile apps.
- Resolved multiple ANRs, Crashes, and Bugs in Partner Application with the help of tools like UserExperior, Dynatrace, and firebase Crashlytics which has helped it in keeping **+95% crash-free user** as shown in Crashlytics.
- Utilized Android Studio and Xcode as a development environment to visualize the application in both iOS and Android.
- Developed Mobile and Assets Insurance for Partner Application.
- Structured reusable UI components based on custom design specifications to optimize coding efficiency and maintain high-quality standards throughout the project duration; **reduced bug count by 20%**.

Digit Insurance

Graduate Trainee Engineer

July 2022 – July 2023

Pune, MH

- Developed and maintained Partner application new User Interface of Health Policy using React, JS, HTML, CSS concepts and created health Endorsement module **increasing 18% users**.
- Integrated REST API endpoints into existing web applications, allowing seamless data transfer across multiple platforms while reducing development time by **25%**.
- Accurately tested & debugged all React Native components before deployment, ensuring that delivered projects met all functional requirements within stipulated timelines; achieved an average customer satisfaction **rating of 85%** for projects completed during tenure as a developer.

Projects

Blood Donor | JavaScript, HTML, CSS, SQL, JQuery, Bootstrap

May 2021

- An online blood donor website that allows users to easily register and access information about donors in emergency situations.
- This project has been developed using HTML, CSS, JS, and SQL.

Real Time Drowsiness | Python, OpenCV

December 2022

- The objective of this project is to develop a model of detection of drowsiness system and alarm alert.
- The face detection technique is used to locate the face from the image. The video stream which is given as input is converted into frames and the face is detected from those frames. Haar classifier in the Viola-Jones algorithm is used to detect the face from a given image.
- Implementation of drowsiness detection with Python and OpenCV

ShareCoin | Angular, Bootstrap, Blockchain

October 2021

- Sharecoin is an Angular application that allows you to interact with a blockchain. You can see the blocks on the chain, and see transactions within them.
- This project was created to demonstrate how anyone can create their own blockchain and cryptocurrency.

Technical Skills

Languages: JavaScript, React, HTML/CSS, React Native, SQL, C++, C

Developer Tools: VS Code, Katalon Studio, Google Cloud Platform, Android Studio, XCode, Reactorion, Google Firebase, Dynatrace,

Technologies/Frameworks: GitHub, Git, WordPress, Bootstrap, Jest

Leadership / Extracurricular

- Achieved a **Google Hashcode Certificate** in Google Hashcode competition.