




HARVINDER SINGH

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OBJECTIVE

A passionate Software Engineer with 4+ years of experience in Application Debugging and Development. Quest to work and learn that enables me to cope with the emerging as well as latest technologies.



SKILLS

- **Languages** : C, C++, CoreJava, Python JavaScript.
- **Development Tools**: VSCode, Android Studio, SourceTree, GitLab, Jenkins, TestFairy, Sentry, figma.
- **Agile Tools**: Atlassian JIRA, ClickUp, Azure Devops.
- **FrameWorks**: React.js, React Native Android, React Query, AWS, Node.js.
- **Databases**: MySQL, InfluxDB.
- **Communication Tools**: Microsoft Teams, Slack, Zoom, Skype.
- **OS**: Windows, Linux.



EXPERIENCE

Full Stack Developer | Securra Health, Chennai

Nov 2020 – PRESENT

SECURRA PLATFORM

Working as a team member to build Securra HealthCare Platform that will enable the doctors to interact with the patients. The mobile application that will help patients to interact one-to-one with doctors through Tele-consultation, personalized care using care programs, chats and real time patient vital monitoring with visual timeline graphs. Doctors can monitor the patients using provider web application.

Roles & Responsibilities:

- Designed the data communication bridge between native platform and react-native UI.
- User Authentication Workflow, Razorpay Payment Gateway and Twilio SDK integration.
- Developed RPM Module screens(device pairing, Scanning , read data and graphs).
- Adopted reusable component design pattern for development activities.
- Designed Tele-Consultation workflow, Chat module and push notifications.
- Rest APIs integration using React Query to improve app performance via data caching .
- Designed and Developed the Google Fit data sync feature with our application.
- Leading the development team for (task alignments, bug fixes and code reviews).
- Published 2 Android apps to playstore.

Software Associate L-1 | QurHealth, Chennai

JAN 2020 – NOV 2020

EAG

Worked as part of Enterprise Architecture Group on R&D for software architecture and design and all sorts of POCs on different technologies. Worked on below POCs:

- Integrated PayPal, InstaMojo payment gateways in React Native App.
- Mobile Chat app in react native using AWS App Sync and Firebase.
- Aws cognito user access to his own private S3 bucket with NodeJs APIs.
- Learned reusable component design patterns for development.
- Aws Workspace Management with custom Web-UI and rest integration using Node APIs.

R2

Worked as a part of the RAD(Rapid Application Development) Team. Worked on below tasks:

- Integrated BLE devices data workflow with R2 Device Platform.
- Integrated flow of data from BLE devices to Web-UI and Grafana-U using python script.
- Worked on Web-UI screens in react.js and data binding for the components.
- Worked on react reusable component design pattern.
- Integrated Google Speech APIs with GVA and AVS in python for native language support.

Software Engineer | Ashling MicroSystems, Chennai (based in Ireland)

JAN 2018 – JAN 2020

REMOTE MONITORING PLATFORM(IOT)

An IOT project based on building the remote monitoring platform for sensor enabled devices. Hub of sensors can be connected to our platform, which integrates data from the different devices, sends it to the cloud and applies analytics to share the most valuable information.

- Got Selected for Onsite Training in **Limerick, Ireland** for custom UI data integration in React.js for Device Debug Tool and its Specifications.
- Worked on messaging protocols like MQTT, Kafka for device data ingestion.
- Worked on device data conversion at a backend server in java.
- Worked on Web application Screens data binding.
- Integrated downstream APIs with custom web-UI in React.js.



EDUCATION

BE(Computer Science) | Chitkara University, Baddi, Himachal Pradesh

JUNE 2014 – JULY 2018

CGPA: 8.54

12th | P.C.Sr.Sec.School, Pinjore, Haryana

MAR 2013 – MAR 2014

CGPA: 8.56

10th | P.C.Sr.Sec.School, Pinjore, Haryana

MAR 2011 – MAR 2012

CGPA: 9.02