

# Sanchit Gupta

Full stack developer

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## EXPERIENCE

### Globallogic, India — Associate Consultant

August 2013 - PRESENT

Working in Globallogic since August 2013, as a Senior software engineer. Primary responsibilities are - client interaction, requirement gathering, code reviews, architecture decisions, development. Also involved in automation tasks and creating reusable code modules.

## PROJECTS

### Point of Sale application for Windows Desktops — Angular 6, Typescript, Redux, Electron, Node.js

Role - Lead

Team size - 4

An intuitive checkout flow for walk in customers in a large e-commerce retail store in UI. This application provides ability for customers to scan products, swipe credit/debit cards etc. This application is aimed at more tech savvy and regular customers who wish to avoid long queues for payment. With this application customers can easily pick up items and perform the complete checkout process without any intervention and leave the store without ever talking to any in-store associate.

### Audit reporting : Rule engine — Angular 5, Typescript, Redux, Electron, Node.js, MySQL, Hive, Java Spring, NGINX

Role - Developer / Lead

Team size - 2

A desktop + Web application for building and executing complex queries on large data set's, mainly used for Auditing purpose. This application can run both as desktop application using Electron and as a web application. Node JS is used to maintain and build dynamic queries using Handlebars and work as a proxy between different legacy services written in Java. Application is aimed at saving time of manual auditing and sanitation for data.

## SKILLS

Angular, Ionic 2+, Typescript, RxJS, Redux Pattern(ngrx), ReactJS, React-Native, Jasmine, Karma, Jest

Node.js, Express JS, Firebase cloud functions, Socket.IO

Cordova, Mobile First platform(IBM, also know as worklight)

PouchDB, MongoDB, Firebase real-time database and firestore, MySQL, Backendless

Git, Gradle, Maven

Android Java SDK, RxJava, Core Java, SQLite, Couchbase Lite

## TOOLS

Visual Studio code, Android Studio, Eclipse, XCode

Google Analytics, Omniture (Adobe), Fabric, Firebase Analytics, Bugsense, Splunk

Airwatch, Postman, Charles Proxy, Fiddler

Jenkins, Docker, JIRA, Confluence, Asana, Google compute engine

## Javascript SDK for Verifone Payment device — *Typescript, Javascript*

Role - Developer / Lead

Team size - 2

A javascript SDK written in Typescript for abstracting hardware communication logic. This SDK is responsible to all the security, communication related to Verifone PinPad (A payment device) and provide clean and standardised api. This also exposes hooks for integrating custom functionalities.

## Checkout Flow — *Ionic 3, Angular 4, Typescript, Redux, Cordova*

Role - Lead

Team size - 4

A pluggable module in an existing native application (Android and iOS) to empower customers scan and complete checkout process on their own mobile device. This module runs inside cordova container leveraging customer information which is already present on device.

## Point of Sale application for iPad's — *Ionic 3, Angular 4, Typescript, Cordova*

Role - Lead

Team size - 5

A complete checkout flow starting from scanning, add offers etc to checkout and printing receipts over a Mobile iPad device. This application is used during rush in-stores where store associates can help customers generate complete order and take payments over a mobile device.

## Manual test analytics — *Node.js, AngularJS, ExpressJS, MongoDB - MEAN stack*

Role - Developer

Team size - 1

End-2-End tool for monitoring manual testing done on any project, using simple hooks and figure out performance of testing team. This helped in tracking the amount of time and resources used on manual testing and compare with UI automation to ensure all scenarios are covered. This can be used in any application and language by creating simple http hooks. Also created Android SDK to help other team members integrate this tool.

## E-Commerce mobile app — *Android, Cordova*

Role - Developer

Team size - 8

Customer facing e-commerce app for one of the leading retail chain in US. This application has features like visual search, voice search, wallet, loyalty, recommendations etc.

## AWARDS

**NASSCOM (Hackathon)** -  
Won 1st prize as a team on national level.

Got multiple Engineering excellence award.

Received multiple Spot awards.

Won multiple integrated team awards.

## EDUCATION

### **C-DAC, Noida — Post Graduation Diploma**

February 2012 - August 2012

Post Graduation Diploma in Advanced Software Design and Development from Center for Development of Advanced Computing (CDAC) Noida.

### **Poornima Institute of Engineering and Technology, Jaipur — Bachelor of Technology**

2007 - 2011

Bachelor of Technology in Information Technology from Poornima Institute of Engineering and Technology, Jaipur.

### **Ryan International School, Greater Noida — Class XII**

2007

### **Modern Public School, Greater Noida — Class X**

2005

## Sales lead tracking — *Android, Firebase*

Role - Developer

Team size - 1

An app to track leads by on ground sales agents. This application allow sales agents to track and upload sales leads and track their actual sales in a centralized platform. Features include - Image upload, voice notes, predefined forms, capturing signatures and generating performance reports for admin. Also has support to export generated lead as a PDF on device.

## Android management on desktop— *Android, AngularJS*

Role - Developer

Team size - 1

An application to view and manage few things on android device from a web dashboard which is served from within the device. Features include - managing messages, call logs, contacts, battery information, device information, taking notes etc.

## OPEN SOURCE

### Code-Book

*An ongoing project which will allow developers to quickly auto generate code for all languages and frameworks with a few clicks.  
(Coming Soon)*

### NGRX GEN

*A simple ngrx code generator*

(<https://www.npmjs.com/package/ngrx-gen>)

### Firebase, Express + Typescript

*A code generator for using Typescript for Firebase cloud functions with ExpressJS*

(<https://www.npmjs.com/package/firebase-cloud-ts-gen>)

### SVG Images - Ionic + Angular

*A library to provide a lot of SVG icons to be used in Ionic and Angular applications*

(<https://www.npmjs.com/package/ng-svg-icon>)

## FIND ME ONLINE

**LinkedIn :**

<https://www.linkedin.com/in/guptasanchit90/>

**GitHub :**

<https://github.com/guptasanchit90>

**Stack Overflow :**

<https://stackoverflow.com/users/4149453/sanchit-gupta?tab=profile>

**Website :**

<https://guptasanchit90.github.io/>