# MONIKA SINGH

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## PROFILE

I am an experienced developer looking for unique opportunities to utilize and hone my skill as an effective hybrid mobile and web application developer by working with professionals within the IT community. I am a creative person and I enjoy pushing myself in challenging situations that cause me to grow.

## EXPERIENCE

**Capgemini Pvt. Ltd.**
**Hybrid Mobile App Developer**
**April, 2017 to till date**
- Building Mobile application based on ionic 2 and angular 2 for life science domain.
- Building in-house/client mobile apps for both android and iOS.
- Building scalable, modular and re-useable components, libraries and plugins to be used as plug-n-play in various projects.
- Building rich features applications using fingerprints, camera, file uploads, GPS, etc.
- Interact and coordinate with client for the requirement gathering and deployment of application.
- Prepare Requirement, Solution, Estimation and API specification documents.

**Shoppers Stop Pvt. Ltd.**
**Hybrid Mobile App and Web Application Developer**
**December, 2016 to April,2017**
- Building Mobile application for billing POS- cordova/phonegap and front end development.
- Building in-house mobile apps for both android and iOS.
- Interact and coordinate with vendor for the deployment of application.

**Tata Consultancy services**
**Mobile and Web Application Developer**
**March, 2013 to December, 2016**
- Building Hybrid Mobile Applications using phonegap/Cordova for android as well as iOS.
- Building Web Applications providing web based learning for associates and outside people as well.
- Building, testing and deployment of scalable, highly available modular software products.
- Building Web based applications with both front end and back end development from scratch.
- Taking ownership of the project and manage it starting from analysis till its deployment.
- Strengthening developmental methodologies by introducing a code quality document.
- Designed a CMS prototype for managing content of website and online assessment management.
- Building wire-frames and Technical Documents for the Applications.

# </> PROJECTS

- Efield Application: App to show the activities assigned to executives in CRM. Show graphical reports on different filters like monthly, quarterly or yearly. Capability of app to work even in offline mode and auto-sync, when the device is online.
  **Worked upon features**: Lazy load of huge list, filter the list based on different criteria, graphical report to display activity report, auto sync of offline content to server, image upload, call or mail directly from app to respective owner or concerned official of activity, etc.
  **Technologies used**: Cordova, Angular2, ionic 2, HTML, CSS, JavaScript, JSON for front end.

- Demand Tracker: App to show the list of SharePoint based tickets and their status. Filter among the huge list of tickets based on various filter criteria. SharePoint communication using ntlm authentication.
  **Worked upon features**: Lazy load of huge list (around 2000 tickets), pull to refresh the list, filter the list based on different criteria, timeline layout to show the lifecycle of ticket, show chat history for communication happened, call or mail directly from app to respective owner or concerned official of ticket, etc.
  **Technologies used**: Cordova, Angular2, ionic 2, HTML, CSS, JavaScript, JSON for front end.

- Weed Resistance: App to record the field and farmer information in offline mode and sync all the info to server when the app becomes online.
  **Worked upon features**: SQLite implementation for offline storage, sync logic to send offline data to server, when online, finger print login, GPS to detect the latitude and longitude of the field, Split pane and lazy load for forms, Tabbed form structure with five tabs, dynamic addition and deletion of forms for multiple information.
  **Technologies used**: Cordova, Angular2, ionic 2, HTML, CSS, JavaScript, JSON for front end.

- Shoppers Stop **Personal Shopper**, iPad application: App to facilitate latest products catalogue, product availability enquiry in particular store, etc.
  **Worked upon features**: Social sharing of application content, GPS facility to detect the current store, barcode scanner to get product features.
  **Technologies used**: Cordova, Angular2, ionic 2, HTML, CSS, JavaScript, JSON for front end.

- Shoppers Stop **MOBILE POS** application: App to facilitate billing of the products.
  **Worked upon features**: Hardware communication with zebra printer, barcode scanner, etc.
  **Technologies used**: Cordova, HTML, CSS, JavaScript, jQuery, jQuery Mobile, XML, AngularJS, JSON for front end.

- **INTERVIEWREADY**: A learning based **hybrid mobile app** in android as well as iOS.
  **Worked upon features**: Text to speech, Social sharing of application content, record your voice and practice, multiple language support, resume building, calling web services.
  **Technologies used**: Cordova, HTML, CSS, JavaScript, jQuery, jQuery Mobile, XML, AngularJS, JSON for front end and WCF, MVC API for backend SQL Server database communication.

- A **hybrid mobile app- QDLE** for both android and iOS to break the language barrier for people travelling abroad.
  **Worked upon features**: Canvas for free hand doodling, Mobile gallery access, Camera access, recording audio, maintaining local collections of these using SQLite,
  **Technologies used**: Cordova, HTML, CSS, JavaScript, jQuery, jQuery Mobile, AngularJS, XML, JSON for front end.

- A **web based learning application English@Work** for the internal TCS associate for learning English
  **Worked upon features**: Text to speech, record and playback, speech to text, word drag and drop games, etc.
  **Technologies used**: HTML, CSS, JavaScript, jQuery, XML, AngularJS, JSON for front end and WCF and MVC API for backend SQL Server database communication.

- A **web based online assessment** and curriculum management system for BPS Trainees.

**Worked upon features**: ASPX Gridview operation and other controls in aspx pages, WCF services, Assessments.
**Technologies used**: ASPX pages, WCF, Stored procedures for SQL server database connection. JavaScript and jQuery.

- A **CMS** to maintain the content gathering of the above mentioned application.
  **Worked upon features**: Maintain the roles like reviewer and content writer for content management, aspx pages and their controls.
  **Technologies used**: ASPX pages, WCF services, Stored procedures for SQL server database connection JavaScript and jQuery.

## 🎓 EDUCATION

**Bachelors in Engineering in Computer Science**

Shri Shankaracharya College of Engineering and Technology (CSVTU), Bhilai, Chhattisgarh, India
**2008-2012, 75% Aggregate**.


Senior Secondary in Science

BSP Senior Secondary School Sector- 10, Bhilai, Chhattisgarh, India

2006-2008, 79.2% Aggregate


Higher Secondary: Science

BSP Senior Secondary School Sector- 10, Bhilai, Chhattisgarh, India

2004-2006, 86% Aggregate

## 💻 SKILLS

- **Hybrid Mobile App Developmen**t using Cordova, ionic 2, angular 2, jQuery Mobile, HTML, CSS, Javascript, jQuery, Angular JS in front end and MVC .Net and SQL Server for backend.
- **Web application development** using HTML, CSS, JavaScript, AngularJS, jQuery, .Net MVC and SQL Server.
- Good grip in c# for developing asp pages.
- **Responsive** HTML layout using CSS3 and media queries.
- Preparing Technical documents like wireframes, application logical flow presentation, web inspect and fortify reports.
- Testing the web and mobile applications.
- Hosting and deployment of the application on cloud servers
- Problem solving and logic building.

## 🏆 ACHIEVEMENTS

- Have been awarded as the **Best Hybrid Mobile App Developer** of India region in **Capgemini**.
- Participated in the workshop on Entrepreneurship and Start-ups held at Kerala in collaboration with MIT.
- Awarded Scholarship from UBM Tech for attending **Game Development Conference**, San Francisco, CA
- Have been awarded as the **BEST EMPLOYEE** for my work and contribution to the team in TCS by BPS HR of Tata Consultancy Services.
- Was one of the developer of the Brandon Hall Award winning application '**Interviewready**' developed by BPS HR of Tata Consultancy Services.
- Paper on Data Mining has been selected in the Utthan 2011 held at SSCET, Bhilai.