

Anshul Mahajan

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PROFILE

- 9+ years of overall experience in the Information Technology Industry.
- Extensive experience in **Angular, Flutter, React, Firebase and Google cloud functions**.
- Skilled in **Node, Express, MongoDB, Firebase and Front-End (Full stack Development)**.
- Experienced in developing and deploying **Mean Stack** applications from scratch. Additionally, using features of Angular such as **Authentication, Routing, and Observables**
- Working knowledge in using component-based architecture provided by Angular.
- Experienced in language translation utilities used **NGX-translate** internationalization library.
- Experienced in working with **React** applications, **Dart** and **Flutter** framework
- Proficient in Oracle 10g/9i, 8i, and SQL Server 2008, Netezza, MongoDB, Firebase.
- Data modeling experience in using Star Schema/Snowflake modeling, OLAP tools, Fact and Dimensions tables data modeling.
- Experienced in Unit and System testing of ETL jobs.
- Demonstrated communication skills when interacting with clients, colleagues and worked with teams located globally.
- Proven ability to work effectively under pressure and handle multiple assignments independently.

TECHNICAL SKILLS

Web & Apps:	Angular, React, Flutter
Front End:	JavaScript, TypeScript, Boot Strap, HTML, JSON
ETL Tools:	Informatica Power Center 9.x/8.x/7.x/6.x
Databases:	MongoDB, MS SQL Server 2005/2008, Oracle 8i/9i /10g, Netezza, Firebase
Database Skills:	Cursors, Stored Procedures, Functions, Views, Triggers, and Packages
Server-side Tools:	Node.js, Express, Heroku, Java
OS:	Windows 2000/2003/Windows 10

EDUCATION

Master of Science, Computer Science, NYU Polytechnic, New York, 2011

Bachelor of Technology, Computer Science, IET DAVV, Indore, India, 2008

WORK EXPERIENCE

Employer: Solis Healthcare, Toronto

Position: Full Stack Developer, April 2019 – Present

Demo: <https://apotex360.ca/>

Project: Apotex Web Application

Description: Developing a web application for our client, where users can login and access Apotex pharmacy's products. The end-user (i.e. pharmacists) can compare drugs, verify drugs patterns and the various colors of the medication. Additionally, they can use different types of medical calculators available on the application to produce an accurate dosage for their patients.

Responsibilities:

- Developing interactive UI for pharmacists, using Angular Material components.
- Working on **Firebase** used **APIs** to fetch and commit data from cloud.

- Implemented authentication functionality using Firebase.
- Created functionality for users to update their profile, authentication keys, and language preferences at run time.
- Used guards in applications to ensure users with authenticated keys only can go to certain sections.
- Work extensively on services to generate dynamic data at runtime.
- Use **NGX-translate/core** internationalization library to provide support for English/French languages.
- Work on **Google Cloud functions** to fetch and modify data in application.
- Use **Bitbucket**, used Git Workflow design strategy for various development branches.
- Work on routing and created guards in routes to ensure data security.
- Work on data sharing between components, used events and services.
- Created functionality to compare and update drug products in UI at run time.
- Work on Angular service worker update functionality.
- Communicate and work with end users to enhance user experience.
- Communicate with team members on daily basis to ensure productivity and completing various tasks within the timeline provided.

Environment: Angular 8, Firebase, Node JS, Bootstrap, Bulma, Material, Bitbucket

Project: Virtual Connect Pharmacy Mobile Application

Description: Developing an Android and iOS mobile application for our client. This application allows the pharmacists and their patients to connect virtually via chat, video call and scheduling appointments. Pharmacists can also see their patient's medical history, manage appointments such as sending a reminder for upcoming appointments or re-scheduling via the application.

Responsibilities:

- Developing the application using **Flutter** and **Firebase**.
- Created video calling support in app using **Twilio** Flutter package.
- Implemented user authentication functionality using Firebase.
- Work on google **Cloud Messaging** to implement device notifications.
- Used calendar views in flutter to create scheduling functionality.
- Created **chat** functionality in app for communication between patients and pharmacists.
- Worked on **Google Cloud functions** using Twilio for video calling.
- Work closely with team to understand product requirements and to enhance application features.

Environment: Flutter, Firebase, Twilio

Client: Sahaja Yoga, Washington DC

Position: Full Stack Developer, July 2018 -- April 2019

Description: Developed an application for client, where client can store and manage its meditation class's information. Users visiting website can RSVP for classes and will receive automated emails.

Responsibilities:

- Developed automated mail functionality for users interested in receiving events information.
- Stored data on **Mlab** used **APIs** to fetch and commit data from **Mlab** server.
- Deployed the whole application on **Heroku**.
- Worked extensively on Mongo DB to generate documents.
- Used **Express** to integrate Angular and **Mongo DB**.
- Worked on routing and created different components to ensure coding standards.

Environment: Angular 6, MongoDB 3.6, Express JS, Bootstrap, Material, Mlab

Client: Active Health Management, Chantilly, VA
Position: ETL Consultant, November 2013 – March 2019

Description: Active Health Management provides integrated population health management services. Active Health offers advanced clinical decision support and strategic health management programs to support a variety of health care organizations.

Responsibilities:

- Supported existing ETL data loads and development.
- Extensively involved in support, testing and development.
- Worked on data validation, created test cases for validation.
- Worked extensively on SQL Server 2008, developed code for testing purposes.
- Worked with multiple teams and managed global teams for various assignments.

Environment: Informatica Power Center 9.5.1, Oracle 10g, SQL server 2008 R2, Microsoft SQL Server Management Studio, Control-M, Flat files (fixed width/delimited) and MS-Excel

Client: Arizona Health Care Cost Containment, Phoenix, AZ
Position: Informatica Developer May 2013 – August 2013

Description: Arizona Health Care Cost Containment System (AHCCCS) is Medicaid agency that offers health care programs to serve Arizona residents.

Responsibilities:

- Worked on **Informatica 9.5.0** used all the features including **Designer, Workflow manager and Repository Manager, Workflow Monitor**.

Environment: Informatica Power Center 9.5.0, Oracle 10g, SQL server 2008, Oracle SQL Developer 1.5.1, Informatica Power Exchange, Flat files (fixed width/delimited), MS-Excel, UNIX shell scripting

Client: Endo Pharmaceuticals, Malvern, PA
Position: Informatica Developer, September 2011 – January 2013

Description: Endo Pharma is a pharmaceutical company, it deals mainly in research, development, sale and marketing of prescription pharmaceuticals, worked as an ETL developer, was responsible for data migration between different sources, worked with commercial claims, Medicare data.

Responsibilities:

- Extensively used all the features of **Informatica 9.01** including **Designer, Workflow manager and Repository Manager, Workflow Monitor**.
- Created complex mappings to move data from flat files to **Netezza**.
- Responsible for **Unit Testing** and **Integration Testing** of mappings and workflows.
- Worked extensively with Tidal Scheduler Tool, created jobs to maintain and monitor production activities.

Environment: Informatica Power Center 9.0.1, Netezza, SQL server 2000, Aginity, Tidal Scheduler, VB, Flat files (fixed width/delimited), MS-Excel, UNIX shell scripting