

# SHLOK NANGIA

Software Engineer & Proud Geek

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## PROFILE SUMMARY

- 4+ years of experience as a Full Stack Software Engineer, with a focus on leveraging strong technical expertise and creative design sensibility to increase web traffic.
- Intensive expertise in Angular, React, AngularJS, JavaScript, TypeScript, NodeJS, MongoDB, C# and ASP.Net having implemented web-based platform (Monorepos, n-tier web, mobile web, and responsive design).

## PROFESSIONAL EXPERIENCE

Software Engineer

July, 2018 – Current

Schlumberger, PuTC

Pune, IN

- Developing Web applications for Data monitoring and visualization based on Angular 2+ framework and INT Geotoolkit to deliver real-time drilling data to clients.
- Designed and developed a responsive and widget adaptable framework which can be accessed on devices of all screen sizes i.e. Data visualization using widgets on Mobile devices
- Designed & developed angular application using Module Federation approach to support UI Micro Frontends
- Tech Stack Using: Angular, .NET Web API and MongoDB

Android Application Developer

June, 2017 – July 2017

BAR CODE INDIA LTD (BCIL)

Faridabad, IN

- Project on Android Based Application "Ride Share" where one could share its ride details and find a companion travelling in the same direction.
- Tech Stack Using: JAVA, XML

Android Application Developer

Dec, 2016 – Jan 2017

INFOTEL BUSINESS SOLUTIONS LTD

Gurugram, IN

- Front End Android Application Developer for their running Application WTC (Warranty Tracker And Checker).
- Tech Stack Using: JAVA, XML

Android Developer

June, 2016 – July 2016

NHPC LIMITED

Faridabad, IN

- Project on Android Based Employee Search System where one could search employee details based on the combination of 5 fields.
- Tech Stack Using: JAVA, XML

## ACHIEVEMENTS

- Certified Scrum Master<sup>®</sup> (CSM<sup>®</sup>) - Scrum Alliance
- First Position in Innovista Schlumberger 2020 - Schlumberger, PuTC
- Reward of Excellence -Schlumberger, PuTC
- First Position in Data Ecosystem Hackathon 2019 - Schlumberger, PuTC
- Third Position in Data science Hackathon 2019 - Schlumberger, PuTC
- Merit certificate issued for scoring 100/100 marks in Mathematics in class XII - Education Minister of Delhi
- Best Academic Student of Science -NGFS, Saket

## TECHNICAL SKILLS

**Most Experience:** Angular, C++, Python , JavaScript , Typescript, Git , VSTS , C , SQL , Agile Development , HTML , CSS , Bash , Data Structures & Algo  
**Some Experience:** Java , .NET WEB API , Android SDK , Firebase , C# , ~~ETX~~ , React  
**Familiar:** MATLAB , SPSS

## EDUCATION

Bachelor of Technology (B.Tech.)

Mathematics And Computing

Delhi Technological University (Formerly DCE)

2014 – 2018

Delhi

- CGPA: 8.87

New Green Field School , Saket

2010 – 2014

Delhi

- AISSE Class XII, Percentage: 94.4 (100 % in Mathematics)
- AISSE Class X, CGPA: 9.4

## PROJECTS

### SMART SPEAKER

A type of **wireless speaker** and voice command device with an integrated tools and services that offers **interactive actions and hands-free activation** with the help of one "hot word" (or several "hot words"). The key features were **solving mathematical expressions, real-time object detection and Image captioning.**

- Uses MatBot API (Also developed by Me) to solve **Mathematical Queries.**
- Developed an independent hardware using Raspberry Pi.
- Developed an **interface between the hardware and software** using secure shell access through laptop and later configured to accept inputs by buttons.
- Configured General Purpose Input/output pins on the raspberry pi which allowed to control the scripts by the simple press of a button.
- Added **Text-to-speech and Speech-to-Text** capability for visually impaired people.

### MATBOT

A python based assistant or bot which **solves mathematical expressions, interacts with a human** and support in their day-to-day tasks.

- developed Brain for MatBot using NLTK, Scikit on Python.
- exposed engine via **web service based on Flask framework.**
- developed MatBot interface on **Android mobile.**

### DTU CONNECT

- Developed an Android application to **locate potential blood donors** in the event of an accident, within the DTU campus.
- Used JSON format to store information about Blood Donors of DTU.