

SHLOK NANGIA

Software Engineer & Proud Geek

✉ shloknangia@gmail.com | ☎ +91-9953055177 | 🔗 shloknangia | 🌐 shloknangia

EDUCATION

DELHI TECHNOLOGICAL UNIVERSITY (FORMERLY DCE)

B. TECH MATHEMATICS AND COMPUTING

July 2018 | Delhi, IN

Aggregate: 81.2%

NEW GREEN FIELD SCHOOL

AISSCE CLASS XII

2014 | Delhi, IN

Percentage: 94.4 (100 % in Mathematics)

NEW GREEN FIELD SCHOOL

AISSE CLASS X

2012 | Delhi, IN

CGPA: 9.4

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# • \LaTeX

Familiar:

MATLAB • SPSS

AWARDS

- First Position in Innovista Schlumberger 2020 -Schlumberger, PuTC
- Reward of Excellence -Schlumberger, PuTC
- First Position in Data Ecosystem Hackathon Schlumberger 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

VOLUNTEERING

- Active member of Schlumberger Empowerment Team.
- Member of Mathematics and Computing Society of College (MACS).
- Actively participated as Council Member in School Council year 2012-13 (Class XI).
- Volunteered in a Project "Helping youngsters to speak English" in year 2010 - 2012 (Class IX & X)

EXPERIENCE

SCHLUMBERGER, PUTC | SOFTWARE ENGINEER

May, 2018 – Current | 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

BAR CODE INDIA LTD (BCIL) | ANDROID DEVELOPER INTERN

June, 2017 – July, 2017 | 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.
- All code was reviewed, perfected, and pushed to production.
- Tech Stack Using: JAVA, XML

INFOTEL BUSINESS LTD | ANDROID DEVELOPER INTERN

December, 2016 – January, 2017 | Gurugram, IN

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

NHPC LIMITED | ANDROID DEVELOPER INTERN

June, 2016 – July, 2016 | 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

PROJECTS

SMART SPEAKER Jan 2014 – Jan 2015 | DTU, IN

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 Jan 2014 – Jan 2015 | DTU, IN

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 Jan 2014 – Jan 2015 | DTU, IN

- An Android application to find suitable **Blood Donors within the DTU Campus** in case of Accidents
- Used JSON format to store information about Blood Donors of DTU.