# Sneh **Sagar**

*Harda, Madhya Pradesh, India*

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## Skills

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|---|---|
| **Programming** | JavaScript, C, C++, Python |
| **Front-end** | HTML, CSS, ReactJS |
| **Back-end** | Flask, Node.js, JAVA |
| **Frameworks** | React-Native, Tensorflow |
| **Tools/Platforms** | GitHub, VS-Code, Google-Colab |
| **Other** | Firestore, My SQL |
| **Languages** | English, Hindi |

## Education

**Kalinga Institute of Industrial Technology**                                                                 *Bhubaneswar, Odisha*

B.Tech. in Electronics and Telecommunication Engineering                                                        *07/2017 - 07/2021*

- 9.1 CGPA

**Holy Faith Child Red Cross H.S. School**                                                                      *Harda, Madhya Pradesh*

Higher Secondary                                                                                                *07/2014 - 05/2016*

- 89.2%

**The Hukumchand Memorial Co-Ed School**                                                                        *Harda, Madhya Pradesh*

High School                                                                                                     *07/2013 - 05/2014*

- 89.3%

## Experience

**Swific Technology Private Limited**

**Mobile Application Developer (React Native)**                                                                 *01/2021 - Present*

- Working on Lio Android and iOS App with React-Native and Redux.
- Worked with Firebase to maintain database.
- Application serves to 1M+ active users with 4M+ downloads.
- Added several functionalities to the app such as App-Widget, Trash, Undo-Redo etc.
- Architect, built and maintained app along with team.
- Worked with native modules to add native capabilities to the app.

## Projects

### Sudoku Solver Android Application

- Developed an Android Application with React-Native.
- Application can extract Sudoku Puzzle from an image using Machine Learning algorithms in order to solve it.
- Implemented algorithm is faster and accurate than most of the existing algorithms.
- Implemented backtracking and combination based algorithms to solve extracted Sudoku.

### FinTech B2B Order Management Application

- Developed an Web Application with ReactJS and JAVA backend.
- Developed order dashboard with different user level login capability.
- Implemented dynamic search, pagination, add and edit features for order management.
- Designed responsive and interactive dynamic web pages.

### Neural Style Transfer Web Application

- Implemented a research paper by developing a Web Application with React-JS.
- Trained a Neural Network which can manipulate digital images in order to adopt the appearance or visual style of other images.
- Deployed the trained model on a Flask Server.

## Honors and Positions

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|---|---|---|
| 2015 | **2nd Position**, | Global Humanitarian Technology Exhibition - 2015 |
| 2018 | **Member**, | KIIT Robotics Society |