

# Harshali Chopade

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## Education

Degree	Institute	Year	Major	CGPA
<b>Masters</b>	BITS, Pilani	2015-2017	Computer Science	7.5
<b>Bachelors</b>	MIT, Pune	2010-2014	Electronics & Telecommunications	76%

## Experience

### Sr. Software Engineer | CYBAGE SOFTWARE PVT. LTD. | Jul, 2014 - Feb, 2018

- Built and integrated end to end promocode feature for our ISV. This involved acceptance of various types (e.g. one time, recurring, fixed time) of promocodes and their integration with the billing system. Live at: <http://tdcontent.techdata.com/content/tdcloud/> (login required)
- My team developed Partner APIs to help our customers access our services programmatically in conjunction to the existing portal. I developed ACLs for the API and integrated authentication for them. Also, I developed APIs revolving around products and their orders. Read API documentation at: <https://docs.tdstreamone.com> (login required)
- Integrated many vendors (Microsoft, Symantec, Autodesk etc.) in our e-commerce platform.
- Developed feature for provisioning/activation of Electronic Software Distribution(ESD) products.
- Built RESTful web services to connect third party and resellers to e-commerce platform.

## Projects

### Tic Tac Toe

<http://github.com/harshalic/tictactoe>

- Built a Tic Tac Toe player. The player reads game's state, decides next move, and outputs game's new state. Game's state could be either read / written to file or memory. The player can play in two modes, random and optimal. In optimal mode, the move was decided using win-loss strategy. The project allows for two players to play against themselves. I calculated win chances of when players play these strategies.
- Also, built a basic Sudoku solver which takes input from a file, solves the sudoku using trial & error method and prints a solution to the sudoku puzzle. <http://github.com/harshalic/sudoku>

### Data transmission using Light-Fidelity

<http://github.com/harshalic/lifi>

- Built a prototype which transferred data (image) using Li-Fi technology. Data was converted into binary format and transferred by fluctuating a LED. A Photo diode received and translated these fluctuations to 0s and 1s to rebuild the data.

## Skills

- Java
- PostgreSQL
- PHP
- Mongo DB
- JavaScript
- Git
- MySQL
- MATLAB
- HTML
- CSS