

# Gurdit S. Bedi

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## Education

### Government College of Engineering and Ceramic Technology

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

- Result: 8.66 (Average CGPA till 6th semester)

Kolkata, India

Aug. 2014 - PRESENT

### Khalsa English High School

SECONDARY AND HIGHER SECONDARY

- Result: 80% in Secondary and 82% in Higher Secondary

Kolkata, India

till Mar. 2014

## Experience

### Tailorkraft

SOFTWARE DEVELOPMENT INTERN

- Developed a Chatbot using Facebook Messenger API, Natural Language Processing Service(Amazon Lex) and Serverless Computing(AWS Lambda), which helps users to design, customize and order a dress.
- Created a Python(Flask) based database administration web-app, used to view and modify the information inside Chatbot's Database(Amazon DynamoDB).

Kolkata, India

May. 2017 - Aug. 2017

## Skills

<b>Programming</b>	Python, JavaScript, C/C++, HTML, CSS, Bash, SQL
<b>Web Framework</b>	Flask, Django
<b>Databases</b>	Amazon DynamoDB, SQLite
<b>Dev Tools</b>	Git, Jupyter Notebook, GNU debugger, Vim, Inkscape
<b>Others</b>	AWS lambda, AWS DynamoDB, AWS Lex, Facebook Messenger API, Telegram Bot API, Heroku

## Projects

### Image Segmentation using Clustering and Neural Networks

PYTHON, SCIKIT-LEARN, MATPLOTLIB

- Program which simplifies the representation of an image into something that is more meaningful and easier to analyze.

### Currency Converter App - React Native

REACT, REACT NATIVE, REDUX, REACT REDUX, REACT NAVIGATION

- Developed a currency converter app which uses Fixer API for conversion rates.
- Customizable using 4 different themes.

### cseriousBot - Real Time Telegram Bot

TELEGRAM BOT API, PYTHON, FLASK, HEROKU

- Bot which filters out files from a group chat in real time and sends them to a private group chat, acting as a backup.
- Can also be modified for manual invocation.

### vFinance - Virtual Finance Training Website

PYTHON, DJANGO, SQLITE, POSTGRES SQL, HEROKU, HTML, CSS, TWITTER BOOTSTRAP

- Developed a website where a user can buy and sell stocks virtually, using the live stock prices fetched from alphavantage.co API.
- Hosted at Heroku. Link: [vfinance.herokuapp.com](https://vfinance.herokuapp.com)

### way2 - Command-line Messaging Tool

PYTHON

- Developed an API to send an SMS. Incorporated this API into a command-line tool.

### Others

VARIOUS

- Contributed to inkscape-web and other open-source projects. Contributions can be viewed on Github and Gitlab.

## Extracurricular Activity

- Active Participant in Competitive Programming. Winner of Annual Coding Competition of Govt College of Engg and Ceramic Technology.
- Blog at [medium.com @gurditsbedi](https://medium.com/@gurditsbedi).
- Playing Chess.