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# SALMAN SHAH

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## EDUCATION

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|---|---|---|
|   | <b>National Institute of<br/>Technology<br/>Karnataka</b> | <b>August 2015- May 2019<br/>(Expected)</b> |
| <b>Surathkal, Karnataka</b>   |   |   |
| <ul style="list-style-type: none"><li>• <b>B. Tech</b>, Information Technology</li><li>• Undergraduate Coursework (as of 4<sup>th</sup> Semester): Data Structures and Algorithms, Digital Design and Computer Organization, Design and Analysis of Algorithms, UNIX Programming, Operating Systems, Networks, Computer Graphics, Probability</li></ul> |   |   |

## WORK EXPERIENCE

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|---|------------------|------------------------------|
| <b>Surathkal, Karnataka</b>   | <b>ChangePay</b> | <b>Dec. 2016 - Jan. 2017</b> |
| <ul style="list-style-type: none"><li>• Startup based out of NITK working on an alternate payment gateway to promote cashless transactions.</li><li>• Worked on Android App Development on the application interface and creating a secure payment gateway by means of Two-Factor authentication.</li></ul> |                  |                              |

## WORK EXPERIENCE

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| <b>Mumbai, Maharashtra</b>   | <b>Consultkaro</b> | <b>May 2016 - July 2016</b> |
| <ul style="list-style-type: none"><li>• India's first website to offer verified career services from consultants across the country.</li><li>• Worked on Search Engine Optimization for the website in order to improve search rankings and used <b>link building</b> as also developed content for the website. Used open-source tools like GTMetrix to optimise the website front-end.</li></ul> |                    |                             |

## TECHNICAL EXPERIENCE

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### Projects

- **Wheels On Roll** : Create an IoT based automated system in NITK to rent cycles using a simple Mobile App. Worked in creating Android App, Website, ChatBot for customer service. *Android, Ruby on Rails, Raspberry Pi, API.ai* **(Still Ongoing)**
- **Stocks Predictor**: Combine NLP with Sentiment Analysis to predict the prices of stock prices based on Datasets obtained from Kaggle. *Python 3.5* **(Still Ongoing)**
- **AABO**: Automatic Administration of Body Oxygen - Used to automate the process of oxygen ventilation in a MICU based on certain Machine Learning algorithms to predict the amount of oxygen ventilation to be given. *C, MySQL*. **(Still Ongoing)**
- **FTP**: Developed a Java Application to upload files from a client to a server using File Transfer Protocol. *Java, Java Swing*
- **WhatsApp Web**: Developed a terminal-based system send messages via terminal by parsing the WhatsApp Web page. *Python 2.7, Selenium ChromeDriver*

## ACHEIVEMENTS

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- **Winner (Microsoft Code.Fun.Do)** Online Round as well as Campus Round. Created an Augmented Reality based app which determines locations via Maps API and uses Azure Database.
- **Top 20 Repositories around the World**: Participated in HacktoberFest 2k16 and had one repository featuring in the Top 20 Most Committed Repository around the world.
- **Co-founded a startup**: Started-up a service startup to sell customised T-Shirts to

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students across different colleges in Mangalore. Handled operations and Web Development.

- **Project Presentation:** Presented a research project at the 19<sup>th</sup> Indian National Children Science Congress on “Leafy Vegetables grown near Railway Tracks – Fit for Consumption or not”.
- **IEEE - NITK Chapter** (Executive Member)
- **Scored 99.8 percentile** in the entrance exam for NITs conducted for over 13 lakh students.

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#### **LANGUAGES AND TECHNOLOGIES**

- **Knows about:** C, C++, JavaScript, Git, BASH, HTML, CSS, Java, Java Swing
- **Has an idea of:** Git, Erlang, Ruby, Python3.5, Python2.7