SALMAN SHAH

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EDUCATION

National Institute of Technology Karnataka

Surathkal, Karnataka   **August 2015- May 2019 (Expected)**

- **B. Tech,** Information Technology
- Undergraduate Coursework (as of 4th Semester): Data Structures and Algorithms, Digital Design and Computer Organization, Design and Analysis of Algorithms, UNIX Programming, Operating Systems, Networks, Computer Graphics, Probablity

WORK EXPERIENCE

Surathkal, Karnataka   **ChangePay**   **Dec. 2016 – Jan. 2017**

- Startup based out of NITK working on an alternate payment gateway to promote cashless transactions.
- Worked on Android App Development on the application interface and creating a secure payment gateway by means of Two-Factor authentication.

WORK EXPERIENCE

Mumbai, Maharashtra   **Consultkaro**   **May 2016 – July 2016**

- India's first website to offer verified career services from consultants across the country.
- Worked on Search Engine Optimization for the website in order to improve search rankings and used **link building** as also developed content for the website. Used open-source tools like GTMetrix to optimise the website front-end.

TECHNICAL EXPERIENCE

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

- **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 M*ost Committed Repositor*y around the world.

- **Co-founded a startup:** Started-up a service startup to sell customised T-Shirts to students across different colleges in Mangalore. Handled operations and Web Development.
- **Project Presentation:** Presented a research project at the 19th 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.

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