

Salman Shah

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EDUCATION	<p>NITK Surathkal, Surathkal, Mangalore, India Aug 2015 – Apr 2019 (Expected)</p> <ul style="list-style-type: none">▪ B. Tech. in Information Technology with CGPA of 7.21 (till 4th Semester) <p>IITians PACE Junior Science College Jun 2013 – Jun 2015</p> <ul style="list-style-type: none">▪ 89.85% in HSC Board Examination. All India Rank 2214 in JEE (Mains) Entrance Examination <p>Hansraj Morarji Public School, Andheri(West), Mumbai, India Jun 2008 – Mar 2013</p> <ul style="list-style-type: none">▪ 92.18% in SSC Board Examination
EXPERIENCE	<p>INTERNSHIPS</p> <p>Web and Data Science Intern Haqdarshak, Mumbai, India May 2017 – Jun 2017</p> <ul style="list-style-type: none">▪ Developed a Full Stack MIS(Management Information System) application hosted on an AWS Instance to monitor field activities with a Flask Web App.▪ Developed an Android App which validates users on the basis of their Aadhaar Number using the Aadhaar SDK obtained from UIADI and sending the data back to the Flask App. Ensured product quality of the Android App with Roboelectric (Unit Testing Framework) <p>STARTUPS</p> <p>Lead Web and App Developer, Wheels On Roll, Mangalore, India Sep 2016 – Mar 2017</p> <ul style="list-style-type: none">▪ Developed an IoT Framework using webapp2 and Google App Engine to connect the hardware to the Android App and designed a Non-Relational Database for the same with Google Datastore.▪ Developed the Android App and ensured product quality of the Android App with Roboelectric and Espresso testing Frameworks(Unit and UI Testing respectively). Also developed a static Website HTML/CSS/JavaScript website with a Chat Functionality enabled via a third-party service Crisp. <p>Web and App Developer, Change Pay, Mangalore, India Dec 2016 – Mar 2017</p> <ul style="list-style-type: none">▪ Developed Dynamic Website using Django at the backend and HTML, CSS, JavaScript and front-end frameworks like MaterializeCSS utilizing a third-party API, Crisp to include Chat Functionality in the website. Co-developed the Android app primarily working with Azure as Cloud Storage.
TECHNICAL SKILLS	<p>Languages/Markup and Scripts - C, C++, Java, Python, JavaScript, HTML, CSS, Bash.</p> <p>DBMS - MySQL, Android SQLite, App Engine Datastore, Firebase.</p>
SELECTED PROJECTS	<ul style="list-style-type: none">▪ Notes Nearby Notes Nearby is an Augmented Reality based-app which takes Users' location to point to nearby restaurants and attractions. App is developed in Android using Microsoft Azure Database and Microsoft Cognitive Services for Speech-To-Text.▪ WhatsApp Web Developed a Terminal Interface to send messages via Computer Terminal to WhatsApp Web. Used Python Web Scraping to get the JavaScript from the Web. Developed only for Linux Computers and creates a local backup of upto 30 messages per user at a single instance.▪ LFU An O(1) implementation for Least Frequently Used Cache which allows users to access cache at a faster and easier manner! Implemented in Java with testcases written in JUnit.▪ Deep NLP Deep Learning with NLP aims combines the power of Natural Language Processing with Deep Learning to train models using Google's Tensorflow Network to build a chatbot which answers questions given a sample corpus of Game of Thrones books and TV Series subtitles.▪ Battleship Battleship is a simulation of the popular Battleship game using Python 3 and simple Artificial Intelligence algorithms which allow users to play against an artificially intelligent bot.
RELEVANT COURSES	Digital Design and Computer Organization, Design and Analysis of Algorithms and Data Structures, Operating Systems, Networks, UNIX Programming, Computer Graphics, Paradigms Of Programming - Part I and II, Object Oriented Analysis and Design, Probability, Graph Theory, C Programming.

ACHIEVEMENTS

- **Winner (Microsoft Code.Fun.Do)**, Online Round as well as Campus Round and finalist at **Microsoft Code.Fun.Do.Showcase**. 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.
- **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”.

EXTRA CURRICULAR ACTIVITIES

- **Executive Member** at **IEEE-NITK** Student Branch, **Web Enthusiasts Club - NITK**, Debating Society.
- **Editorial Team Member** at Team Shoreline(College Magazine).

[CV compiled on 2017-09-24]