Salman Shah

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EDUCATION	**NITK Surathkal**, Surathkal, Mangalore, India	Aug 2015 – Apr 2019 (Expected)

- B. Tech. in Information Technology

	IITians PACE Junior Science College	Jun 2013 – Jun 2015

- 89.85% in HSC Board Examination

	Hansraj Morarji Public School, Andheri(West), Mumbai, India	Jun 2008 – Mar 2013

- 92.18% in SSC Board Examination

EXPERIENCE

STARTUPS

Lead Web and App Developer, Wheels On Roll, Mangalore, India Sep 2016 – Mar 2017

- Developed Static Website using HTML, CSS, JavaScript and open-source front-end frameworks like Materialize CSS as also using third-party APIs like Crisp to include Chat Functionality in the website.
- Worked with Product Development Team to develop an IoT framework using Sanic and Firebase to connect the hardware to the Mobile App.
- Also developed UI and UX of the Android app primarily using Google's Material Design Guidelines.

Web and App Developer, Change Pay, Mangalore, India Dec 2016 – Mar 2017

- Developed Dynamic Website using HTML, CSS, JavaScript and front-end frameworks like Bootstrap using third-party APIs like Crisp to include Chat Functionality in the website.
- Developed User Sign In functionality in the website using Django framework thereby allowing users to check their balance online.
- Developed UI and UX of the Android app primarily using Google's Material Design Guidelines.
- Also worked with third-party APIs like PayUMoney to integrate a payment gateway inside the app.

TECHNICAL SKILLS

Languages/Markup and Scripts - C, C++, Java, Python, JavaScript, HTML, CSS, Bash.

Tools - Android Studio, NetBeans, Code::Blocks, PyCharm, vi Editor.

Frameworks - Git, STL, LATEX, OpenGL, Jekyll, Materialize CSS, jQuery.

RELEVANT COURSES

Data Structures, Digital Design and Computer Organization, Design and Analysis of Algorithms, Operating Systems, Networks, UNIX Programming, Computer Graphics, Paradigms Of Programming - Part I and II, Object Oriented Analysis and Design, Probability, Graph Theory.

SELECTED PROJECTS

All Projects available on **GitHub**,

ANDROID

- **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.

PYTHON

- **Top Music Pull** - Developed a Python Application to download Billboard Top Hot 100 songs from YouTube. Used Bash and Python
- **WhatsApp Web** Developed a Terminal Interface to send messages via Computer Terminal to WhatsApp Web. Used Python Web Scraping to get JavaScript from the Web. Developed only for Linux Computers.

WEB

- **NITK Website** Worked on the Front-end Website Team for NITK Website using HTML, CSS and JavaScript and front-end frameworks like Bootstrap, jQuery and Materialize CSS. **(On Going)**
- **Personal Website and Blog** Personal Website using Front End frameworks like MaterializeCSS and jQuery and Jekyll for Blog using Minima gem to be used as a Content Management System.

JAVA

- **Tic Tac Toe** Built a Tic Tac Toe game implemented in Java and used Java Swing as GUI. Implemented User v/s User, User vs CPU (where CPU plays randomly), User vs AI and CPU vs AI (where AI implements Greedy Algorithm).

ACHIEVEMENTS

- **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.
- **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".
- **Scored 99.8 percentile** in the All-India entrance exam for NITs – JEE (Mains).

EXTRA CURRICULAR ACTIVITES

- **Executive Member** at IEEE-NITK Student Branch.
- **Editorial Team Member** at Team Shoreline(College Magazine).
- **Member** at LSD - Literary, Stage and Debating Society.
- **Competitive Programming:** Active on popular websites like Codechef and HackerRank.

[*CV compiled on 2017-03-18*]