Sarthak Bhutani

Process-oriented technical engineer having the right skills to tackle complex problems in a structured approach, with an ability to bounce back with an optimal solution

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EXPERIENCE

Microsoft — *Microsoft Student Partner*
SEP 2019 - PRESENT

To host tech events, workshops and hackathons in association with Microsoft & to grow the community of students.

Develop How To, Delhi — *Web Development Intern*
JUN 2019 - JUL 2019

Building an HR Management Web Application with Amazon Alexa Integration so that it can be operated via voice as well, HTML, CSS, Bootstrap, Angular, Spring Boot, Node.js , MySQL.

Aam Aadmi Party, Delhi — *Web Development Intern*
DEC 2018 - MAR 2019

Worked in team of 15 members to build a Leaderboard Web App for AAP built on HTML, CSS, Bootstrap, Javascript, Ajax, Spring Boot, Selenium, MySQL.

International Organization of Software Developers MAIT, Delhi — *Web Development Manager*
JAN 2019 - MAR 2019

Mentored 5 developers by taking live YouTube sessions & offline classes to create the website for MAIT's technical fest, Impulse'19 and built on HTML, CSS, Bootstrap, Javascript.

Smalt & Beryl, Ghaziabad — *Web Development Intern*
JUN 2018 - JUL 2018

Worked in team of 12 members on HTML, CSS, Bootstrap, Angular 2, Spring Boot, MySQL to create a Skill Management web application project for Govt. of India.

EDUCATION

Qualification	Year	School/College	Percentage/CGPA
B.Tech (IT)	2017–2020	Maharaja Agrasen Institute of Technology	8.30
B.Tech (IT)	2016–2017	Manipal University Jaipur	8.21
XII	2016	Mayo International School (CBSE)	75.40%
X	2014	Bal Bharati Public School (CBSE)	8.20

SKILLS

SDLC : Agile (Scrum)

Frontend : HTML, CSS, Bootstrap, JavaScript, Angular

Backend : Sprint Boot (Java), Node.js

Database : MySQL

Programming Languages : C, C++, Java

Tools : Git, Unity , JIRA, Confluence

AWARDS

- **Winner** of APAC's first MLH Hackathon, "HackCBS" out of 250+ teams[Oct 2019]
- **Winner** of "Days of Hack" Hackathon [Feb 2019]
- **1st Runner up** of "HackBPIT" Hackathon [Mar 2019]
- **Grand Finalist** of Smart India Hackathon 2019 under MHRD, India out of 80,000+ teams [Mar 2019]
- Selected in **top 50** teams for "ZS Campus Beats Case Challenge" out of 1800+ teams [Apr 2019]
- Selected in **top 5** teams for Business Ideation Competition for MAIT's Innovation Council [Feb 2019]
- **Letter of Appreciation** for "You make a difference" by Smalt & Beryl [Jul 2018]

POSITION OF RESPONSIBILITY

- **Secretary of Internal & External Affairs** for IOSD, MAIT [Jun 2019 - Present]
- **Core Team Lead** for Entrepreneurship Development Cell, MAIT [Aug 2018 - Present]
- **Publicity & Promotions Head** of IOSD, MAIT [Aug 2018 – Present]
- **Core Team** member for MAIT's technical fest, Impulse'19 [Mar 2019]

PROJECTS

Skill Development Management Application For Safai Karamcharis — *Jun 2018 - Jul 2018*

This is a Web Application Project for Govt. Of India which intended to reduce the human efforts in storing, managing, and generating effective outcomes from enormous amount of data as provided by training partners to Skill Council of Green Jobs. [Demo](#)

Learn Counting — *Oct 2018 - Dec 2018*

This is an app/skill for Amazon Alexa voice Assistant, via which one can ask Alexa to count till the desired number at the desired speed level. It's backend is made using NodeJS and hosted on AWS Lambda. [Demo](#)

Smart Training Tracking System— *Jan 2019 - Mar 2019*

This is a Web Application currently being developed with a team of 5 members. The project intent is to track offline training of their employees, alerting the users for their scores & to keep the skillset as per the latest trends & procedures of GMP.

Impulse 19 — *Jan 2019 - Mar 2019*

This is the website for MAIT's annual technical fest, Impulse 19 built on HTML, CSS, Bootstrap, Javascript which was made with 5 other members to display the timeline, have registration forms & FAQ for the events in the fest & other related info. [Demo](#)

DriveSafe — *Mar 2019 - Mar 2019*

This is an AR Android Application built using Unity & Vuforia sdk which detects for potholes or obstruction on roads in real time & creates a visualisation over them in real time so that a person can drive safer. [Demo](#)

Shoeñami for Visually Impaired — *Mar 2019 - Mar 2019*

This is a hardware project developed with 3 other team members. We inculcated obstruction detection in shoes, which will give haptic feedback when it comes near to an obstruction. The feedback variates with the distance between the shoe & the obstruction. We developed it keeping a blind person in mind. [Demo](#)

Shoeñami for Women Safety — *Mar 2019 - Mar 2019*

This is a hardware project developed with 3 other team members. We inculcated a push button which an individual can press when in distress, then when the circuit completes, through IFTTT API, your location is sent to the 5 dear contacts, so that they can know, one is in trouble & necessary action can be taken. [Demo](#)

Indoor AR Navigation — *May 2019 - May 2019*

This is an AR Android Application built using Unity & ARCore taking advantage of Google Anchor points, With the help of which, we are trying to localize virtual content that can be shared in a relatively high degree of accuracy between multiple users and to persist those objects in the same location in which they were previously positioned in the real world space. [Demo](#)

Future Radio Show — *Apr 2019 - May 2019*

This is an app/skill for Amazon Alexa voice Assistant developed with 2 other team members which will simulate as if the user in the future where the people live with their superheroes around the world. The user can talk to superheroes, can hear the news of the future, and can listen to music. It's backend is made using NodeJS and hosted on AWS Lambda. [Demo](#)

Future@HrManagement — *Jun 2019 - Aug 2019*

A HR Management ERP web application, which also is supported by Alexa. The application is built by using Spring (Java) at backend, and for Alexa, Node.js is used.

Battery Prediction — *Oct 2019 - Oct 2019*

This model was developed by a team of 4 members. Project aim is To be able to detect the life of a Lithium Ion Battery using multivariate logistic regression, i.e. finding out, when was this battery first used.

- **Core Team** member for MAIT's techno-cultural fest Techsurge & Mridang'19 [Mar 2019]
- **Promotions & Marketing Head** of MAIT's technical fest, Impule'18

TALKS

- Delivered a one-day [workshop](#) at **MAIT** on Ideation, Research & Prototype for Startups to 70+ students
- Delivered a one-day workshop at **Coding Blocks** on Git, Github & Azure Fundamentals to 50+ students

HOBBIES

Data Science, Public Speaking, Dancing, Blogging