



Education

B. Tech. CSE (Jul 16 - Jun 20)
7.4/10 CGPA
Manav Rachna International
University, INDIA

Achievements

Karmaveer GYLF Fellowship
by **UN** and iCONGO 2019

National Runner-up The
James Dyson Award 2019

2nd Place Microsoft Imagine
Cup 2019 (*Caeli*), SEATTLE

Silver Award Infosys Social
Innovation Awards 2019

Special Achiever,
University Awards 2019

Jury's Choice Accenture
Innovation Challenge 2018

Member **International
Exchange Alumni** U.S.
Department of State

Invited to **GES**, NL 2019

Bronze Medal,
Safety & Health, IEYI 2018

Grand Finalist,
IESA Hackathon 2018

Delegate, World Electronic
Forum FRANCE, 2017

3 Times Microsoft Imagine
Cup National Finalist
2017- 2019

Applied Patents

Product Genuineness
Detection using Block-Chain
#201811030147 (*Nov 2018*)

Smart Anti-Pollution Mask
with Drug Nebulizer
#201811030147 (*Aug 2018*)

Skills

- Programming
Python (2 yrs.), JavaScript (3 yrs.),
C++ (2 yrs.), PHP, Java, MySQL
- Web Development - 22 Projects
HTML5, CSS3, jQuery, Express.js
- Technologies
Node JS, React, MongoDB, Electron JS,
Android Studio, PhoneGap, Git, Linux
- UI UX (2 yrs.)
Photoshop, Adobe XD, User Research
- Data Structures
- Object-Oriented Programming
- 3D Printing
- Team Work (9 team projects)

Technical Projects

Caeli TM C++, Python, JavaScript, Java - **Team Lead** - (4 Awards) (Feb 2019)

A smart Anti-Pollution mask with a miniature Drug Nebulizer that helps
Asthmatic & COPD patients to lead a quality life in poor air-quality cities,
Read more aakashbhadana.com/caeli

(Microsoft Imagine Cup 2019 ASIA Winner, \$ 25,000 USD Prize)

VET C#, Unity - (2 Awards) (Aug 2018)

A VR Headset app for treating people with PTSD using Virtual Reality
games, implemented user scoring and ranking module in Python

OTR-Mark Python, JavaScript - (2 Awards) (May 2018)

A cloud-based system that leverage Artificial Intelligence and
decentralized Block chain database to detect counterfeit goods

Pulse C, JavaScript, PHP – **Team Lead** - (1 Award) (Dec 2017)

Programmed an algorithm to record ECG in real-time and detect atrial
fibrillation (A-Fib) using Azure in-cloud machine learning studio

Swastika TM JavaScript, PHP, HTML, CSS, SQL - (1 Award) (Feb 2017)

An online platform for NGOs collaboration and regulating donations,
designed UI and implemented backend in PHP with SQL database

Experience

Microsoft Student Partner, Microsoft Sep 2019
to
As a Microsoft On-campus ambassador organizing tech events and
Present
leading local tech communities with latest Microsoft technologies

Student Researcher, University's Innovation Lab Feb 2017
to
Collaborating with fellow researchers on innovation projects. Applied 2
Present
product patents as an outcome of research work

App Developer Intern, Adelantos Technologies Pvt. Ltd.
• Developed 3 cross-platform mobile apps with **Cordova** framework Sep 2017
to
• Set-up online payment system leveraging **NodeJS** back-end Dec 2017
• Worked with marketing team for product campaign ideas

Freelancer
• Automated headless Raspberry Pi functions using **Python** Jun 2017
to
• Developed a scalable **NodeJS** server application for user Aug 2017
authentication and serving database queries
• Engineered front-end for a kiosk machine using **JavaScript**