

# SUPRGYA BHUSHAN

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## EDUCATION

### IIIT BANGALORE (IIITB)

BTECH AND MTECH IN

INFORMATION TECHNOLOGY

Specialization: Theoretical Computer Science

Graduation: July 2019

CGPA (2019): 3.24/4.00

### VBPS, NOIDA

Class 12th: 94.8% (May 2014)

Class 10th: 10/10 CGPA (May 2012)

## SCORES

GMAT: 770/800 (June 2020)

## RELEVANT COURSES

- Neural Networks & Reinforcement Learning
- Machine Learning (ML)
- Text Processing & Information Retrieval
- Foundations for Big Data Algorithms
- Information Technology Project & Product Management
- Information & Communication Technology & Policy Regulation
- E-Governance Application Design
- Database System and Management

## TECHNICAL SKILLS

### LANGUAGES & LIBRARIES

- C • Python • C++ • Java
- MATLAB • R • OpenCV • Arduino

### DATABASE & WEB

- HTML • CSS/PHP • LaTeX • JavaScript
- MySQL • Git • Selenium

### SOFTWARE & FRAMEWORKS

- Ruby on Rails (RoR) • Laravel • Django
- Open edX • TensorFlow • React
- Node.js • Angular JS • Tableau • Figma

## HACKATHON

**FINALISTS, SMART INDIA** | APR 2017

## OTHER ACTIVITIES

- Placement Cell Member | IIITB (2017-2019)
- Teaching Assistant | Math for ML | IIITB | Prof. [Amit Chattopadhyay](#) (2019)
- Zense | Technical Club Member | IIITB (2016)
- Coordinator | INFIN8 | IIITB's First Cultural Fest (2015)

## PROFESSIONAL EXPERIENCE

**EXPENSIFY** | FULL-TIME EMPLOYMENT | FULL-STACK ENGINEER |

BENGALURU | JULY 2020 - PRESENT

Developing an Expense Management System for Personal and Business Use using React and Node.js Development Stack.

**PINKBLUE** | FULL-TIME EMPLOYMENT | SOFTWARE ENGINEER |

BENGALURU | JULY 2019 - JUNE 2020

Worked on PBMeta, an Integrated Hospital Supply Chain Digital Platform Solution developed via Django and Angular JS Development Stack.

**HOPE TECHNIK** | SOFTWARE ENGINEERING INTERNSHIP | SINGAPORE |

MAY 2018 - JULY 2018

Developed Software Modules in Bottle and Django Framework.

**VISION EMPOWER** | NPO INTERNSHIP & COLLABORATION | JAN 2018

- PRESENT

Working on Accessible Solutions for Education of the Visually Impaired (VI).

**NUS ENTERPRISE SUMMER PROGRAMME** | FOREIGN UNIVERSITY

EXPOSURE | NUS ENTREPRENEURSHIP CENTRE | JUNE 2017 - JULY 2017

Trained on Economic and Enterprise Development at National University of Singapore (NUS).

**IBM INDIA** | SOFTWARE ENGINEERING INTERNSHIP | MAY 2016 - JULY

2016

Made a Chatbot in JavaScript using WebSockets.

**CITRYA** | SUMMER FREELANCING | MAY 2016 - JULY 2016

Developed a Text Editor like WIX platform using Angular JS.

## RESEARCH THESIS

**INTERMEDIARIES IN AGILE-BASED ICT APPLICATION DEVELOPMENT: A STUDY INVOLVING THE INDIAN PUBLIC HEALTH & NUTRITION SECTOR**

| GUIDE: [PROF. AMIT PRAKASH](#) | CSTEP | JAN 2019 - JULY 2019

## RESEARCH PAPER

**CREATING AN ACCESSIBLE TECHNOLOGY (AT) ECOSYSTEM FOR LEARNING SCIENCE AND MATH**

| GUIDE: [PROF. AMIT PRAKASH](#) | ACCEPTED AT MCHV-INAIS WORKSHOP, IIM CALCUTTA | JAN 2018 - FEB 2019

## PROJECTS

**FOOD OBJECT DETECTION AND CALORIE ESTIMATION**

| GUIDE: [PROF. G SRINAVASARAGHAVAN](#) | AUG 2018 - DEC 2018

Food Object Detection using a TensorFlow frozen model of Faster RCNN and Calorie Estimation using the Expectation-Maximization algorithm.

**ACCESSIBLE LEARNING MANAGEMENT SYSTEM (LMS) PLATFORM - "SUBODHA"**

| GUIDE: [PROF. AMIT PRAKASH](#) | AUG 2018 - DEC 2018

Accessible LMS Platform developed using Open edX Development Stack and extensible features, XBlocks.

**NUTRITION TRACKING MOBILE APPLICATION**

| GUIDE: [PROF. AMIT PRAKASH](#) | AUG 2017 - DEC 2017

Potential Design Solution for a user-friendly Nutrition Tracking Mobile Application for a Public Healthcare Institution.

**SANSKRIT SANDHI SPLITTING SOFTWARE**

| GUIDE: [PROF. G N SRINIVASA PRASANNA](#) & [PROF. SUJIT CHAKRABARTI](#) | JAN 2017 - JULY 2017

A Computational Tool showing all possible splittings of a given Sanskrit string.

**INTELLECTUAL PROPERTY (IP) ASSET MANAGEMENT PORTAL**

| GUIDE: [PROF. SRINATH SRINIVASA](#) | AUG 2016 - DEC 2016

Web Application Portal built using RoR which manages IP Assets of the Institute.