

# Suprgya Bhushan

Generalist Software Engineer

Email: [suprgya@gmail.com](mailto:suprgya@gmail.com)

Phone: +91-8826309373

GitHub: [github.com/suprgyabhushan](https://github.com/suprgyabhushan)

LinkedIn: [linkedin.com/in/suprgya](https://linkedin.com/in/suprgya)

Website: [bhushan-suprgya.github.io/my-portfolio](https://bhushan-suprgya.github.io/my-portfolio)

## WORK

### Professional Freelancer | Jan 2022 - Present

Developing a mental health app in Android & iOS. Programmed a synchronised blocks-based code editor for browsers. Collaborated on developing a B2B SaaS sales web-based coaching platform. Full-Stack Development position responsible for the creation of multiple custom Wordpress projects, including e-commerce sites from concept to completion.

ReactJS   React Native   TypeScript   Node.js  
Microsoft Azure   Firebase   JavaScript   Blockly  
MongoDB   ClickUp   WordPress

### Software Engineer | Aug 2019 - Dec 2021

**PinkBlue - Bengaluru, India**

Developed an integrated hospital supply chain digital platform solution.

Django   AngularJS   Node.js   Python   AWS

### NPO Intern & Collaborator | Jan 2018 - Dec 2022

**Vision Empower - Bengaluru, India**

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

Open edX   Python   Node.js

### NUS Enterprise Summer Student | Jun 2017 - Jul 2017

**NUS Entrepreneurship Centre - National University of Singapore, Singapore**

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

### Software Engineer Intern | May 2016 - Jul 2016

**IBM - New Delhi, India**

Made a Chatbot in JavaScript using WebSockets.

WebRTC

### Summer Freelancer | May 2016 - Jul 2016

**Citrya - Bengaluru, India**

Developed a Text Editor like WIX platform.

AngularJS   Node.js

## EDUCATION

### IIIT Bangalore (IIITB) | Jul 2014 - Jul 2019

BTech and MTech, Computer Science

CGPA: 3.10/4.00

**Thesis:** Intermediaries In Agile-based ICT Application Development: A Study Involving The Indian Public Health & Nutrition Sector

### VBPS Noida

Class 12th: 94.8% (May 2014)

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

## PUBLICATIONS

- *Complexity Demands Agility: Operationalizing Agile Principles To Address Complex Public Health Challenge Of Malnutrition Management* - **Accepted at ICTD 2022, University of Washington in Seattle, USA.**
- *Creating an Accessible Technology (AT) Ecosystem for Learning Science and Math* - **Accepted at MCHV-INAIS Workshop, IIM Calcutta.** Used for video research study at India Today - [Link to the video](#)

## SKILLS

**Languages:** C, Python, C++, Java, MATLAB, R, JavaScript, MySQL, HTML, LaTeX, CSS, PHP, Bash, Arduino

**Software & Frameworks:** Ruby on Rails (RoR), Laravel, Django, Open edX, React Native, ReactJS, Node.js, AngularJS, Tableau, Figma

**Tools:** Git, PyTorch, OpenCV, NumPy, Pandas, Flask, Selenium, WebRTC

**Other:** CI/CD, Version Control, Web, Data Science and ML

## HACKATHON

**Finalists,** Smart India Hackathon (Apr 2017)

## ACTIVITIES

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



## OTHER PROJECTS

### 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.

### Food Object Detection and Calorie Estimation

**Guide:** Prof. G Srinavasarahavan | Aug 2018 - Dec 2018

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

### 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.



## 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



## INTERESTS

Proactive about learning diverse things and happy to discuss those. I am into fitness and running. Dancing is what I breathe, whether for learning, or at events participation or at parties.