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 • WebRTC

SOFTWARE & FRAMEWORKS
- Ruby on Rails (RoR) • Laravel • Django
- Open edX • TensorFlow • React
- Node.js • AngularJS • 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

PINKBLUE | Full-Time Employment | Software Engineer | Bengaluru | July 2019 - Present
Developing PBMeta, an Integrated Hospital Supply Chain Digital Platform Solution using Django, AngularJS, React and Node.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 AngularJS.

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.

BALLIN' SPORTS MATCH SCHEDULER
| Collaborator: Mr. Vikas Chahar | Apr 2021 - Present
Developing a scheduler to remind whenever a favorite player or team plays using React and Node.js Development Stack.

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.