NIMISH NIKHIL BO<u>NGALE</u>

About Me

An Information Science student at Ramaiah Institute of Technology currently in his third year of Bachelor of Engineering program with a well-cultivated knowledge of Web Development, Cross Platform Mobile App Development, Machine Learning and Data Structures & Algorithms. Currently seeking to gain hands-on experience in IT operations, Software Development and Content Creation through internships and full-time roles.

Contacts

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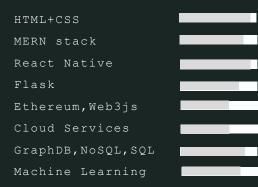
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ub.io

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Skills





Education

Degree	Institute	CGPA/%	Year
Bachelor of Engineering	Ramaiah Institute of Technology	9.49 (for 5 semesters)	Expected 2021
AISSCE (CBSE 12 th)	CMR National Public School	91.2%	2017
CISSCE (ICSE 10 th)	Ryan International School	94.7%	2015

Experience

- Intern @Divum Corporate Services June 2019, August 2019 - Worked with React Native and Blockchain technology for building an Ecommerce digital tender based solution for our client Bosc
- Google Developer Student Club Core Team Member (DSC-RIT) (February 2019 Ongoing) DSC-Websi
- Head & Founding member November 2018 Numera,
 The Mathematical Society of RITB Formed the club along with a few other members from scratch.
- Quora Partner October 2018, ongoing Engaged in content creation and improving the general quality of answers and questions on Quora. Also functioned as an initial product testing member for Quora Marathi.
- Intern @Leisstung Motoraad May 2018 Contributed towards research and development of a smart electric bike made for Indian Roads (Yulu).

Research Work & Projects

- Spider Monkey Optimization Algorithm, a
 Quantifiable, Objective Study—(March, 2019

 Ongoing) Wrote a book chapter for
 Springer for their volume "Nature Inspired
 Computing for Datascience" under the series
 "Machine Learning for Intelligent Decision
 Systems". This edited book is submitted to
 indexing in Web of Science, EI-Compendex,
 DBLP, SCOPUS, Google Scholar and
 Springerlink.
- Breast Cancer Detection using Applied
 Machine Learning -(2018-19)- Researched
 about how the entire process of breast
 cancer detection (Mammography, followed by
 Thin-Needle FNAC, and then by Biopsy) could
 be reduced by a better analysis of the
 mammogram itself. Produced a Software which
 gave a relatively high percentage of
 accuracy.
- Coffee Bean batch quality sorting using Image Processing & Transferred Learning

Relevant Links

https://nimishbongale.github.i
o/blog/index.html

https://quora.com/profile/N
imish-Bongale

https://divum.in

https://devfest-bglr19.firebaseapp.com

https://link.springer.com/c hapter/10.1007/978-981-15-3689-2 6

https://rit-dsc.heroku
app.com

https://devfest-bglr-19.firebaseapp.com

https://uxplanet.org

- (ResNet50) (2020 Ongoing) Wrote a paper proving the effectiveness of Residual Networks in the gradation of coffee beans.
- Student Project Demonstration @ IEEE CCEM 2020 Presented "DocAid" project and were adjudged runners with honorable mention.
- Laser Interferometer Gravitational-Wave Observatory (LIGO) small scale build (2017)— Attempted to reconstruct a miniature version of LIGO to detect the presence of gravitational waves. Recorded interference fringes. The device, however, wasn't sensitive enough to detect minute disturbances.

Achievements

- Won 2nd Place at Smart Aurangabad Hackathon—(2020)

 Developed a patient mobile application which assists patients, thereby streamlining the entire workflow of a patient visiting the doctor with his/her previous medical records.
- Won 3rd Place at Manipal Techtatva Hackathon (2019)— Developed an End to End product which assists doctors to help them remember the names of some medicines and suggest them the same based on previous patient history and current symptoms.
- Won 1st Place at IBM Call for Code Hackathon (2019)— Developed a GrEBoN/NEBoN stack website which integrated with IBM Cloud services. This website was built with an aim to apply technology for rescue and help during a natural disaster.
- Won 1st Place at Google I/O Extended Event —
 (2019)— Scored the maximum marks in a Google
 Cloud Services Competition, and was adjudged the
 winner.
- Won 2nd Place in RIT Annual Sports Meet Chess Competition -(2019) - Scored 5/6 points to come second (Swiss Tourney, Median Buccholz Technique)

Key Skills

In-depth knowledge of the following programming
languages: Python2 | Python3 | JavaScript | Java |
HTML | CSS | C++ | C++14 | C | Bash | Tex | Assembly
| Vue | Jupyter Notebook | Mathematica

Android | React Native | HTML | CSS | ReactJS, VueJS | Kubernetes | Cloud Foundry on IBM Cloud. Soft skills: Communicational and Organizational skills, Adaptability, Teamwork, Creativity.

Community Engagement skills: Technical Writing, Translating, Blogging@ The Omniblog and The Educational Blog, Volunteering for @Aasmaan Foundation, DSC-RIT Core Team member.