NIMISH NIKHIL BONGALE

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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https://www.linkedin.com/in/nimish-bongale/

Skills

- HTML+CSS
- MERN stack
- React Native
- Flask
- Ethereum,Web3js
- Cloud Services
- GraphDB,NoSQL,SQL
- Machine Learning

Education

Degree	Institute	CGPA/%	Year
Bachelor of Engineering	Ramaiah Institute of Technology	9.49 (for 5 semesters)	Expected 2021
AISSCE (CBSE 12th)	CMR National Public School	91.2%	2017
CISSCE (ICSE 10th)	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.io/blog/index.html

https://quora.com/profile/Nimish-Bongale

https://divum.in

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

https://link.springer.com/chapter/10.1007/978-981-15-3689-2_6

https://rit-dsc.herokuapp.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.