

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 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 full-time internships.

Contacts

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Skills

HTML+CSS	<div></div>
MERN stack	<div></div>
React Native	<div></div>
Flask	<div></div>
Ethereum, Web3js	<div></div>
Cloud Services	<div></div>
GraphDB, NoSQL, SQL	<div></div>
Machine Learning	<div></div>

Education

Degree	Institute	CGPA/%	Year
Bachelor of Engineering	Ramaiah Institute of Technology	9.41 (for 5 semesters)	Expected 2021
AISSCE (CBSE 12 th)	CMR National Public School, Bangalore	90.4%	2017
CISSCE (ICSE 10 th)	Ryan International School, Kundalahalli	94.7%	2015

Experience

- **Intern** @Divum Corporate Services - June 2019, August 2019 - Worked with React Native and Blockchain technology for our client Bosch. <https://divum.in>
- Part of the developing team of DevFest 2019 website.
- **Google Developer Student Club Core Team Member (DSC-RIT)** - (February 2019 - Ongoing) DSC-Website- www.dscrit.dev
- **Head & Founding member** - November 2018 - Numeram, 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. <https://www.quora.com/profile/Nimish-Bongale>
- **Intern** @Leistung Motoraad - May 2018 - Contributed towards research and development of a smart electric bike made for Indian Roads. Rollout expected soon.

Research Work & Projects

- **Spider Monkey Optimization Algorithm, a Quantifiable, Objective Study** - (March, 2019 - Ongoing) - Wrote a book chapter for Springer (<https://www.springer.com/in>) for their volume "[Nature Inspired Computing for Data Science](#)" under the series "[Studies in Computational Intelligence](#)". 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.

- **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.
- **Crude Production of Luminol** –(2017) –Produced Luminol (low yield, 15%) from scratch using complex chemical reactions.
- **Luxor Taxi app** –(2017)–Developed a taxi-app simulating a real-time environment for booking taxi's using binary files and text files, using C++.

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 Buchholz 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**

Cross Platform Mobile App Development (Android, React Native) Front End Development (HTML, CSS, ReactJS, VueJS), Machine Learning (Tensorflow), Cloud Services (Kubernetes, Docker on IBM Cloud, Google Cloud Platform), Soft skills: Communicational and Organizational skills, Adaptability, Teamwork, Creativity.