

Ramprasad Naik

DATA SCIENCE · MACHINE LEARNING

Mysuru, India

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“Coffee into Code || Passion into Impact”

Education

National Institute of Engineering

Mysuru

B.E. IN COMPUTER SCIENCE AND ENGINEERING

2016 - 2020

- IEEE Computer Society Events Execom.
- Campus Venture Pod Head, Onyx.
- Winner, Hackathon, NIE Summer Of Code.
- Runner-up, Hackathon, Technieks College Fest.

Mother Teresa PU College

Mysuru

PCMC

2014 - 2016

- I-Cube 2016, College fest, Convener.
- I-Cube 2015, Tech Division, Lead.
- Winner, Most Creative Video Maker.

Jnanasarovara International Residential School

Mysuru

PRIMARY EDUCATION

2007 - 2014

Experience

Events Lead Execom

NIE IEEE Student Branch

IEEE COMPUTER SOCIETY

November 2017 - PRESENT

- Master Of Ceremony and Convener, All Karnataka Computer Society Congress 2018, NIE Mysuru.
- Organized Weekly Meetups, where avid programmers are given hands on with technologies: Git, HTML, FOSS, Linux.
- Project Drive Lead, built a Linux Operating System customized for programmers from scratch based on Arch Linux.
- Organized Code Golf, a competition where participants had to solve the problem statements and come up with code with shortest number of lines while being time efficient during runtime, the competition was hosted on competitive coding website www.hackerrank.com

Campus Venture Pod Head

National Institute Of Engineering

ONYX, E-CELL

May 2017 - May 2018

- Organized a host of events to spark the spirit of entrepreneurship among fellow members. Events : Rags To Riches, City Ville, Debaited, Crazy Commercials and Jack And Bean Stock.
- Organized B-Gyaan, National Level Business Plan Competition, NIE Mysuru 2017.
- Presented a Business Plan before a panel of venture capitalist and entrepreneurs, B-Gyaan. Nourish is an app/platform which aims to provide high quality nutritional food at affordable prices and cater to specific nutritional needs of fitness freaks and strict diet followers.

IEEE Volunteer

National Institute of Engineering

NIE IEEE STUDENT BRANCH

Jan. 2013 - Present

- Organized Competitive Coding competitions like Oculus, Woman In Engineering and IEEE Premier League 8.0 and 9.0 www.hackerrank.com/ieee-premier-league
- Co developed, IEEE Student Branch Android App. Features include : Events Notification, Blog, Membership details and Event Attendance. github.com/nisbweb/app
- Web Development Team, IEEE Bangalore Section. www.ieceebangalore.org/
- Mentored and Organized Basic Programming Session through IEEE Computer Society. First year students were taught C and C++.
- Played a active role in technical fests like Adroit'16, Exebit'17, Ankura'17, Adroit'17 and Ankuara'18. Teams Worked : Marketing, On ground Publicity, Tech, Event Management, Master Of Ceremony.
- Lead the Social Media Team for All Karnataka Computer Society Congress 2018, NIE Mysuru. <https://www.instagram.com/akcsc18/>

Projects

BlockSQL

DBMS Project

Sep 2018 – Present

- The BlockSQL has been designed in collaboration with the college's Controller Of Examination Office to facilitate the Students, Teachers and Database Administrators of our college in the shortcomings like automating provisional marks card, transcript generation, previous results, and question papers. It is a secure and scalable application implementing the principles of blockchain into database to ensure data integrity, and consistency to help smoothen the operations at the COE's office. Data Analysis and visualization was used to generate useful graphs and metrics about student performance using matplotlib library from the provided data. .

Technologies Used: Python(Flask,pdfkit,PyPDF2, passlib, pathlib, smtplib), SQLite3, matplotlib, tabula(Data Wrangling)

BlockHack

TECHNIEKS HACKATHON

BLOCKHACK.HEROKUAPP.COM | GITHUB.COM/RAMPRASADE10/BLOCKHACK

Feb 2018 – Present

- A Blockchain Ledger implementation using python would prevent hackers from rigging the electronic system to manipulate votes.Each vote(Block) is encrypted using sha256 hash,connected subsequently to other blocks, who's integrity can never be compromised. This system enables a Secure, Reliable and let private individuals vote from home with biometrics, confirm their votes and who they voted.

Technologies Used: Python flask(Server), HTML5, CSS,JSON.

Online C Compiler

NIE SUMMER OF CODE

C-COMP.HEROKUAPP.COM | GITHUB.COM/RAMPRASADE10/ONLINE-C-COMPILER

June 2017 – Present

- Online-C-Compiler provides a clean User Interface for Compiling and Executing C Code Online without any compiler in the local system.Technologies used include flask(python),HTML5,CSS,AWS.The project aims to provide a platform for students to compile their code on the go, capabilities to share and commit code with ease.

Technologies Used: Python, flask(Server), HTML5, CSS, AWS.

Nourish

ONYX

B GYAAN

November 17 - 18, 2017

- Presented a Business Plan before a panel of venture capitalist and entrepreneurs. Nourish is an app/platform which aims to provide high quality nutritional food at affordable prices and cater to specific nutritional needs of fitness freaks.

CThru

GTRAC

GITHUB.COM/RAMPRASADE10/CTHRU

May 2015 – July 2015

- Android based App to help the blind see the world, a voice narrator guides the user of their surroundings.

Technologies Used: REST API, Open Source library ocrapi, Java, Android.

MedX

TECHNIEKS HACKATHON

GITHUB.COM/RAMPRASADE10/MEDX

Jan 2017

- MedX is an Android App that provides an all-round health care support by bridging the gap among patients, doctors and hospitals. A balanced ecosystem where patients find the best of doctors, and doctors pay a commission for each checkup. Features include in app symptom diagnostics, appointment and pill reminder.

Technologies Used : Android, SQLite DB.

Skills

Strongest Areas

DATABASES | DATA ANALYSIS/VISUALIZATION/WRANGLING | STATISTICS

Programming

PYTHON | JAVA | C | C++ | R | ANDROID

Tools And Frameworks

NUMPY | PANDAS | MATPLOTLIB | SEABORN | SCIKIT-LEARN | FLASK | MYSQL | MONGODB | GIT

| SHELL

Presentation

Basic Programming Session on C/C++

IEEE Computer Society

Sept 2016

- Mentored and Organized Basic Programming Session through IEEE Computer Society. First year students were taught C and C++.

Version Control System

NIE Summer Of Code

NIE SUMMER OF CODE | VIEWABLE PRESENTATION

Jun 2018

- Undertook session on Version Control System to a group of avid learners.
Topics Covered: Why VCS, CVS VS DVS, Hands on commands with git and github(Local and Remote Repo) and Branching.

Blockchain And Cryptocurrency

NIE Summer Of Code

NIE SUMMER OF CODE | VIEWABLE PRESENTATION

Jun 2018

- Introduced and gave a detailed overview on BlockChain and Cryptocurrency.
BlockChain: Tech Underlying, Transaction, Fraud Prevention, Tokens, Smart Contracts, Hyper ledger And Its Projects, Ethereum Alliance, Applications (Identity Management, Protecting Private Keys, Digital Solutions), Challenges.
Cryptocurrency: Why Cryptocurrency, Vision, Mining, Making Own Cryptocurrency, Different Kinds (Open Source, Ethereum, Ripple, Litecoin), Trading, Issues, Safety, future.

Honors & Awards

Feb 2018 **Zonal Winner**, Brain Tech Championship 2018

Azure Skynet
Solutions

Feb 2018 **Runner-up**, Technieks Hackathon

NIE IEEE SB

Jun 2017 **Winner**, NIE Summer Of Code

NIE IEEE SB

2017 **Winner**, Electronica 5.0

NIE IEEE SB

Certifications

Aug 2016 **Arduino Based Robotics**, LOGICHIVE SOLUTIONS PVT LTD

License LS113-141

May 2015 **Android Development**, Greenfield Training Academy

License
GTRAC14/C209

Jul 2014 **JAVA Programming**, Oracle

Languages

English

FULL PROFESSIONAL PROFICIENCY

Hindi

PROFESSIONAL WORKING PROFICIENCY

Kannada

NATIVE OR BILINGUAL PROFICIENCY