Ramprasad **Naik**

DATA SCIENCE · MACHINE LEARNING

Mysuru, India

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"Coffee into Code ‖ Passion into Impact "

Edu**cation**

The 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 Mysore
Mysuru

PRIMARY EDUCATION   *2007 - 2014*

Exp**erience**

Events Lead Execom
NIE IEEE Student Branch

IEEE COMPUTER SOCIETY   *Nov 2017 - Aug 2018*

- 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   *Jun 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   *Jul 2016 – 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.ieeebangalore.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/

Android Focus Group Lead
NIE IEEE Student Branch

National Institute of Engineering
Nov 2017 - Aug 2018

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

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

TECHNIEKS HACKATHON
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

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

NIE SUMMER OF CODE
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

B GYAAN

ONYX
Nov 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

GITHUB.COM/RAMPRASADE10/CTHRU

GTRAC
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 ocrapiservice, Java, Android.

MedX

GITHUB.COM/RAMPRASADE10/MEDX

TECHNIEKS HACKATHON
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