

Ram prasad Naik

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"Coffee into Code || Passion into Impact"

EDUCATION

THE NATIONAL INSTITUTE OF ENGINEERING | B.E. IN COMPUTER SCIENCE | SENIOR YEAR

July 2016 – July 2020 | Mysuru, India • Cum. GPA: 8.6

EXPERIENCE

VOLUNTEER | ANDROID FOCUS GROUP LEAD | NIE IEEE STUDENT BRANCH

July 2016 – Present | nisb.in/

- Organized Competitive Coding competitions like Oculus, Woman In Engineering and IEEE Premier League.
- Co developed, IEEE Student Branch Android App. Features include : Events Notification, Blog, Membership details and Event Attendance. Helped increase participation and membership drive. github.com/nisbweb/app
- Web Dev Team, IEEE Bangalore Section. Responsible for Maintainance and updatation of the website. ieeebangalore.org/
- Played an active role in organizing and hosting technical fests like Adroit'16, Exebit'17, Ankura'17.

EVENTS LEAD EXECOM | IEEE COMPUTER SOCIETY

Nov 2017 – Aug 2018 | NIE IEEE SB

- Convener and Master Of Ceremony, All Karnataka Computer Society Congress 2018, NIE Mysuru.
- Mentored And Organized Weekly Meetups : Pilot programme where avid beginner programmers are given hands on with technologies : Python, Git, HTML, FOSS, Linux. github.com/Ramprasade10/Git-Guide
- Project Drive Lead : Pilot programme where my team built a Linux OS customized for programmers based on Arch Linux.
- Code Golf : Organized first of its kind, a competition where participants solve the problem statements with least number of lines of code while having a lower time complexity during runtime. hackerrank.com's custom checker code was used.

CAMPUS VENTURE POD HEAD | ONYX, ENTREPRENEURSHIP - CELL

Jun 2017 – May 2018 | onyx-nie.org

- 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.

WEBSITE CONVENER | TECHNIEKS COLLEGE FEST

Jan 2019 – Mar 2019 | technieks.in/

- Was responsible for creating and assigning issues to contributors and reviewed pull requests. Volunteers gained experience on Web Development, exposure on Version Control System and cross-collaboration.
- Our team worked on improvements like push browser notification of events, pagination of the gallery and exception handling. Resulting in increased social reach and lesser data usage.
- Added live streaming service of fest onto the website leading to increased engagement.

PROJECTS

BLOCKSQL | DBMS PROJECT

Sep 2018 – Present | NIE | github.com/Ramprasade10/BlockSQL/

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 shortcomings like automating provisional marks card, transcript generation, previous results, and question papers tested with the meta data provided. Being deployed at the Office, it brought down the processing time of transcript generation from 15 days to a day . 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 is 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

Feb 2018 – Present | github.com/Ramprasade10/BlockHack

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.

CTHRU | GTRAC

May 2015 – July 2015 | github.com/Ramprasade10/Cthru

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.

NOURISH | B GYAAN

Nov 17 - 18, 2017 | ONYX

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

ONLINE C COMPILER | NIE SUMMER OF CODE | C-COMP.HEROKUAPP.COM

June 2017 - Present | github.com/Ramprasade10/Online-C-Compiler

Online-C-Compiler provides a simple, clean and functional User Interface for Compiling and Executing C Code Online without any compiler in the local system. Technologies Used: Python, flask(Server), HTML5, CSS, AWS.

MEDX | TECHNIEKS HACKATHON | C-COMP.HEROKUAPP.COM

Jan 24 - 25, 2017 | github.com/Ramprasade10/MedX

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.

PRESENTATION

BASIC PROGRAMMING SESSION ON C/C++ | IEEE COMPUTER SOCIETY

Sept 2016

Mentor and Organizer : First year students of all dept were taught C and C++ to inspire them to pursue Computer Science.

VERSION CONTROL SYSTEM | NIE SUMMER OF CODE

Jun 2018 | VIEWABLE PRESENTATION

Participants were made to realize why VCS was important for code collaboration and source control, they eventually committed code on github. Topics : Why VCS, CVS VS DVS, Hands on commands with git/github and Branching.

BLOCKCHAIN AND CRYPTOCURRENCY | NIE SUMMER OF CODE

Jun 2018 | VIEWABLE PRESENTATION

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 and Challenges. Cryptocurrency: Why Cryptocurrency, Mining, Making Own Cryptocurrency, Different Kinds, Trading, Issues, Safety, future.

AWARDS

BRAIN TECH CHAMPIONSHIP 2018 | ZONAL WINNER

Feb 2018 | Azure Skynet Solutions | Certificate

TECHNIEKS HACKATHON NIE IEEE | RUNNER-UP

Feb 2018 | NIE IEEE SB | Certificate

NIE SUMMER OF CODE | WINNER

Jun 2017 | NIE IEEE SB | Certificate

ELECTRONICA 5.0 | WINNER

2017 | NIE IEEE SB | Certificate

CERTIFICATIONS

•JAVA Programming | Oracle, 2014
Certificate

•Android Development | Greenfield
Training Academy, 2015
Certificate

•Arduino Based Robotics | Logichive
Solutions, 2016
Certificate

SKILLS

Strongest Areas

Databases • Data Analysis/Visualization/Wrangling • Statistics

Programming

Python • JAVA • C • C++ • Android • R

Tools And Frameworks

Numpy • Pandas • Matplotlib • Seaborn • Scikit-learn • Flask • MySQL •

SQLite • MongoDB • Git • Shell • \LaTeX

LANGUAGES

Full Professional Proficiency

English

Professional Working Proficiency

Hindi, Kannada