

Ram prasad Naik

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EDUCATION

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

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

EXPERIENCE

NIE IEEE STUDENT BRANCH | VOLUNTEER | ANDROID FOCUS GROUP LEAD

July 2016 – Present | <http://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. github.com/nisbweb/app
- Web Team, IEEE Bangalore Section ieeebangalore.org/ and Website Convenor, TechNIEks College fest. technieks.in/
- Mentored and Organized Basic Programming Session, IEEE Computer Society. First year students were taught C and C++.
- Played an active role in organizing and hosting technical fests like Adroit'16, Exebit'17, Ankura'17.

IEEE COMPUTER SOCIETY | EVENTS LEAD EXECOM

November 2017 - August 2018 | NIE IEEE SB

- Convener and Master Of Ceremony, All Karnataka Computer Society Congress 2018, NIE Mysuru.
- Mentored And Organized Weekly Meetups, where avid programmers are given hands on with technologies : Python, Git, HTML, FOSS, Linux. github.com/Ramprasade10/Git-Guide
- Project Drive Lead, built a Linux Operating System customized for programmers from scratch based on Arch Linux.
- Delivered hands-on presentation on Version Control System, Blockchain and Cryptocurrency during NIE Summer Of Code.
- 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. Host competitive coding website hackerrank.com

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. 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

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.

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.

AWARDS

BRAIN TECH CHAMPIONSHIP 2018 | ZONAL WINNER

Feb 2018 | Azure Skynet Solutions

TECHNIEKS HACKATHON NIE IEEE | RUNNER-UP

Feb 2018 | NIE IEEE SB

NIE SUMMER OF CODE | WINNER

Jun 2017 | NIE IEEE SB

ELECTRONICA 5.0 | WINNER

2017 | NIE IEEE SB

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

CERTIFICATIONS

- JAVA Programming | Oracle, 2014
- Android Development | Greenfield Training Academy, 2015
- Arduino Based Robotics | Logichive Solutions, 2016

LANGUAGES

Full Professional Proficiency

English

Professional Working Proficiency

Hindi, Kannada