

# Ram prasad Naik

<http://ramprasadnaik.in> | Mysuru, India  
ramprasade10@gmail.com | 9886856449  
in ramprasadnaik  Ramprasade10  
"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

## PROJECTS

### BLOCKSQL | DBMS PROJECT

Sep 2018 – Present | NIE | [github.com/Ramprasade10/BlockSQL/](https://github.com/Ramprasade10/BlockSQL/)

- Collaborated with the college's Controller Of Examination Office to facilitate the Students, Teachers and DB Admins in shortcomings like automating provisional marks card, transcript generation, previous results from **meta data provided**.
- **Deployment** : Processing time of **transcript generation from 15 days to a day**. It ensures data integrity by implementing the principles of **blockchain** into database.
- **Data Analysis and visualization**: Generate useful **graphs and metrics** about student performance using **matplotlib**.
- Technologies : **Python(Flask,pdfkit,PyPDF2,passlib,pathlib,smtplib),SQLite3,pandas,tabula(Data Wrangling)**.

### BLOCKHACK | TECHNIEKS HACKATHON | BLOCKHACK.HEROKUAPP.COM

Feb 2018 – Present | [github.com/Ramprasade10/BlockHack](https://github.com/Ramprasade10/BlockHack)

- **Blockchain Ledger** implementation using python to **prevent hackers** rigging the electronic system to **manipulate vote(Block)**.
- Citizens can securely vote from home with biometrics. Technologies : **Python,flask,HTML5,CSS,JSON**.

### CTHRU | GTRAC

May 2015 – July 2015 | [github.com/Ramprasade10/Cthru](https://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**.

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

June 2017 – Present | [github.com/Ramprasade10/Online-C-Compiler](https://github.com/Ramprasade10/Online-C-Compiler)

- Simple and functional UI for Compiling and Executing C Code Online without compiler in local system.
- Technologies Used: **Python, flask, HTML5, CSS, AWS**.

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

Jan 24 – 25, 2017 | [github.com/Ramprasade10/MedX](https://github.com/Ramprasade10/MedX)

- Android App, provides all-round health care ecosystem : patients find best doctors who then pay us commission for it.
- **Features**: in app symptom diagnostics, appointment and pill reminder. Technologies Used : **Android, SQLite DB**.

### 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.

## EXPERIENCE

### VOLUNTEER | ANDROID FOCUS GROUP LEAD | NIE IEEE STUDENT BRANCH

July 2016 – Present | [nisb.in/](https://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](https://github.com/nisbweb/app)
- **Web Dev Team, IEEE Bangalore Section**. Responsible for Maintainance and updation of the website. [ieeebangalore.org/](https://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

- Master Of Ceremony and **Convener, 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](https://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.

## WEBSITE CONVENER | TECHNIEKS COLLEGE FEST

Jan 2019 - Mar 2019 | [technieks.in/](http://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.

## CAMPUS VENTURE POD HEAD | ONYX, ENTREPRENEURSHIP - CELL

Jun 2017 - May 2018 | [onyx-nie.org](http://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, **Level Business Plan Competition**, NIE Mysuru 2017.

## 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](#)

- **BlockChain**: Tech Underlying, Transaction, Fraud Prevention, Tokens, Smart Contracts, Hyper ledger, Ethereum Alliance.
- **Cryptocurrency**: Why Cryptocurrency, Mining, Making Own Cryptocurrency, 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 •  $\text{\LaTeX}$

## LANGUAGES

Full Professional Proficiency

English

Professional Working Proficiency

Hindi, Kannada

## RELEVANT COURSEWORK

**PROGRAMMING AND TOOLS** : Data Structures with C, Object Oriented Programming with C++, Python Programming, Web Technologies and Applications(Java).

**CORE COMPUTER SCIENCE** : Computer Organization and Architecture, Operating Systems, Unix Shell Programming, System Software, Database Management Systems, Data Communications and Networking,