

# 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

## PROJECTS

### BLOCKSQL | DBMS PROJECT

Sep 2018 – Present | NIE | [\[Project Link\]](#)

- 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**. Principles of blockchain ensure DB integrity.
- **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 | [\[LIVE DEMO\]](#)

Feb 2018 – Present | [\[Project Link\]](#)

- **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 | [\[Project Link\]](#)

- 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 | [\[LIVE DEMO\]](#)

June 2017 – Present | [\[Project Link\]](#)

- 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 | [\[LIVE DEMO\]](#)

Jan 24 - 25, 2017 | [\[Project Link\]](#)

- 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**. 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/](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**. 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 updatation of the website. [ieeebangalore.org/](http://ieeebangalore.org/)
- Website Convenor, TechNIEks College fest. [technieks.in/](http://technieks.in/)
- 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.

## 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