

Ram prasad Naik

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"Coffee into Code || Passion into Impact"

EDUCATION

THE NATIONAL INSTITUTE OF ENGINEERING | B.E. IN COMPUTER SCIENCE | THIRD 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**.

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/

- 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 updation 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

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

- 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.

- My 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

- 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.

SKILLS

Strongest Areas

Databases • Data Analysis/Visualization/Wrangling • Statistics Programming

Python • JAVA • C • C++ • Android • R

Tools And Frameworks

Numpy • Pandas • Matplotlib • Seaborn • TensorFlow • TensorFlow • Scikit-learn • Flask • MySQL • SQLite • MongoDB • Git • Shell • \LaTeX

Services

• Docker • Heroku • AWS : • EC2 • Lambda • S3 • CloudFormation

CERTIFICATIONS

JAVA PROGRAMMING

Oracle, 2014 [Certificate]

ANDROID DEVELOPMENT

Greenfield Training Academy, 2015 [Certificate]

ARDUINO BASED ROBOTICS

Logichive Solutions, 2016 [Certificate]

AWARDS

BRAIN TECH CHAMPIONSHIP 2018 | ZONAL WINNER

Feb 2018 | Azure Skynet Solutions | Certificate

Actively participated and declared Zonal Winner in 2 Day workshop on Data Science and Machine Learning with Python.

TECHNIEKS HACKATHON NIE IEEE | RUNNER-UP

Feb 2018 | NIE IEEE SB | Certificate

Runner up among 30 teams for designing a Proof Of Concept to prevent election vote rigging using Blockchain.

NIE SUMMER OF CODE | WINNER

Jun 2017 | NIE IEEE SB | Certificate

ELECTRONICA 5.0 | WINNER

2017 | NIE IEEE SB | Certificate

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.

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,