Ram prasad Naik

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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/
Designed in collaboration with the **college's Controller Of Examination Office** to facilitate the Students, Teachers and Database Admins in shortcomings like automating provisional marks card, transcript generation, previous results tested with the **meta data provided.** After deployment, it brought down the 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** was 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 to **prevent hackers** from rigging the electronic system to **manipulate votes.**Each vote(Block) is encrypted using sha256 hash to form a chain. It enables a Secure, Reliable and let private individuals vote from home with biometrics. 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.

ONLINE C COMPILER | NIE SUMMER OF CODE | C-COMP.HEROKUAPP.COM
June 2017 - Present | github.com/Ramprasade10/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
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.**

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/
- 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 | TᴇᴄʜNIEᴋs Cᴏʟʟᴇɢᴇ Fᴇsᴛ
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.

CAMPUS VENTURE POD HEAD | ONYX, Eɴᴛʀᴇᴘʀᴇɴᴇᴜʀsʜɪᴘ - 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, **Level Business Plan Competition,**NIE Mysuru 2017.

PRESENTATION

BASIC PROGRAMMING SESSION ON C/C++ | IEEE Cᴏᴍᴘᴜᴛᴇʀ Sᴏᴄɪᴇᴛʏ
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 | Zᴏɴᴀʟ Wɪɴɴᴇʀ
Feb 2018 | Azure Skynet Solutions | Certificate

TECHNIEKS HACKATHON NIE IEEE | Rᴜɴɴᴇʀ-ᴜᴘ
Feb 2018| NIE IEEE SB | Certificate

NIE SUMMER OF CODE | Wɪɴɴᴇʀ
Jun 2017 | NIE IEEE SB | Certificate

ELECTRONICA 5.0 | Wɪɴɴᴇʀ
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

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,