MAYUKH ROOJ

mayukh.rooz@gmail.com / +91-8788006333 / +91-9028733463 / Alandi, Pune, Maharashtra

Carrier Objective

To enhance my professional/practical skill, business efficiencies career in a renowned firm with dedicated efforts and to associate myself with an organization that gives me a whirl to update my knowledge.

Computer Skills

- **Languages Known:** C, C++, Python, R Language & Java
- **Database Knowledge:** My SQL, PostgreSQL, Redis, MongoDB
- **IDE Tools used:** Dev C++, SWI-Prolong, Android Studio, PyScripter, Eclipse & Visual Studio
- **Web Technologies:** HTML, PHP, CSS
- **Operating Systems Known:** Microsoft Windows, Ubuntu, Fedora & Kali Linux
- **DevOps Tools:** Docker, Kubernetes, Jenkins, Git, Terraform, Nagios
- **Field Of Interest:** Artificial Intelligence, Blockchain & Cloud Computing

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Education

Secondary School Certificate

HIND ZINC SCHOOL • Chittorgarh, Rajasthan
Enrolled 03/2013

Secured 76 percentage

All India Senior School Certificate Examination

CENTRAL PUBLIC SCHOOL • Udaipur, Rajasthan
Enrolled 03/2015

Secured 58.80 percentage

B.Tech With Minor In Cyber Security

MIT ACADEMY OF ENGINEERING • Pune, Maharashtra
Graduated 11/2020

Secured 7.14 CGPA in Information Technology Branch.

Conference Publication

- **Blockchain and the Identity-based Encryption Scheme for High Data Security**

Paper ID- ICCMC228 Authors- Mayukh Rooj, Indrajeet Bharadwaj, Akanksha Jadhav, Saifullah Khan, Prof. Sandeep Shiravale

Link- https://ieeexplore.ieee.org/document/9076552

Used the blockchain technology to store the private documents of individuals which helps to make data more reliable and secure, preventing the loss of data and unauthorized access. The Consensus Algorithm along with the hash algorithms maintains the integrity of data simultaneously providing authentication and authorization. The blocks are structured using a combination of blockchain technology and the Identity Based Encryption Management Concept. The identity-based encryption system allows the encryption of the user's data as well as the identity of each and every user. These two technologies combined will result in a more secure way of storing data and protecting the privacy of the user.

Experience

Trainee DevOps

Kloudone Technologies • Chennai, Tamil Nadu
06/2020 - Present

- Documentation of Project.
- Enhancing the code
- Rotational on calls.
- Wrote YAML Files
- Monitor the system.

Projects

- **Developed Website for Relief Fund Donation**
- **Developed Tic-Tac-Toe Game**
- **Stock Market Prediction**
- **Android Application for Time Table Management**
- **Monitoring Suspicious Activities on the Internet Using Data Mining**
- **Website Hosted on Cloud**
- **Waterhole Attack using Keylogger**
- **Protecting Data Privacy for Permissioned blockchain using Identity-Based Encryption**

Certifications

- **Deep Learning**

deeplearning.ai, Coursera "Specialization" Credentials-7TPFEJNAMSD3

Five-course specialization covering Convolutional Neural Networks, Hyperparameter tuning, etc.

- **Startup India Learning Program**

upGrad.com, StartUp India, Credentials-18391556

This course is about how to start your own Startup and fundings.

Professional Skills

- Quick and accurate keyboard skills.
- Ability to deal professionally but firmly with customers
- Able to work on tasks individually or as part of a team.
- Able to focus on accuracy and attention under pressure.
- Adaptable to working in different locations at short notice.

Languages

- English: Proficient
- Marathi: Conversational
- Hindi: Proficient
- Bengali: Conversational

Personal Profile

- **Date Of Birth**: 21st February 1997
- **Father's Name**: Goutam Rooz
- **Mother's Name**: Falguni Rooz
- **Father's Occupation**: Retired Employee of Hindustan Zinc Ltd.
- **Marital Status**: Single
- **Sex:** Male
- **Religion**: Hindu

Declaration

I hereby declare that the aforementioned details and figures are true & correct to the best of my knowledge and belief.