Mrunali Barde

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Project Experience:

- Online Banking System.

  - Languages used: SQL, dotNet
  - Description: Built a dynamic banking website with all the basic transactions covered.

- Message Encryption using Image-based Steganography.

  - Languages used: Python, Linux
  - Description: A data security wherein we encrypted message files and hide them within an image. Each message was first converted into a bitstream and then each bit was replaced with that of a pixel in RGB code

- A New secure authentication protocol for E-healthcare system, published in IJSREM and HBRP.

  - Languages used: Python and its libraries.
  - Description: An algorithm to secure the health care system was created and an interface is created using Tkinter. Data is temporarily stored in the local server and can be shifted to the cloud. The algorithm used to encrypt the system is ECC.

Work Experience:

1. Aditya Birla Management Corporation Private Limited, Mumbai
   Subject Matter Expert / Student trainee, Group IT   [Dec. 2021 – July 2022]
   - Acquiring the knowledge of Microsoft Power platforms and Mendix
   - Gaining an understanding of low code development platforms, workflows, and business logic.
   - Collaborated with GIT team to build Centre of Excellence under digital transformation portfolio.
   - Tabulated the cadence checklist for application/ software development concerning each phase.
   - Utilized OCR and RPA services provided by Automation Anywhere, Microsoft, Amazon, and similar service-providing platforms.
   - Engineered utilities provided by Mendix in their marketplace modules.
   - Responsible for structuring and governing web/app portals with low code.
   - Designed LCNC and API mailer content for platform communication

2. Agneepankh Foundation, Nagpur, Maharashtra
   Teaching Associate/ Volunteer   [Jul. 2018 – Present]
   - Taught students from an underprivileged background in schools that comes under local government jurisdiction.
   - Guided them to understand the basics of Mathematics and Moral Science.
   - Boosted the student's morale which helped them score more than 50%, which is a hefty deal for them.
   - Enhanced the student's skill to appear for government-aided scholarship programs.

3. My Captain. Nagpur, Maharashtra
   Marketing and Operations Intern   [2019]
   - Prepared a drafted format for lead generation.
   - Generated leads for around 10k.

4. Kanishka Thakur. Nagpur, Maharashtra
   Content and Strategic marketing intern   [Apr. 2021 – Aug. 2021]
   - Identified issues with clients' social media feed and helped them create a better alternative for the same.
   - Prepared a research-based content model which will grab the audience's attention.
   - Automated the curation process and it is still used in the workplace.
   - Trained new interns in the same field.
   - Learned the art of communication and mutual understanding within the team.

5. Scenes by Avalon. Nagpur, Maharashtra
   Project Lead   [Jun. 2021 – Aug. 2021]
   - Managed a group of budding creators and helped them learn the content curation and delivery process.
   - Strategized the weekly content planners and planning of PR actions which helped to grow the platform.
   - Co-ordinated with the guest speakers as they present their learnings to the creators

6. Electric LOCO shed. Nagpur, Maharashtra
   Intern   [Jan. 2019 – Feb. 2019]
   - Examined the working of railway machinery and their communication systems.

7. Bharat Sanchar Nigam Limited, RTTC. Nagpur, Maharashtra
   Intern   [Jun. 2018 – Jul. 2018]
   - Acquired proficiency in networking and telecommunication, which includes an understanding of network devices and their working.

8. IT NetworkZ Infosystems Pvt. Ltd. Nagpur, Maharashtra
   Intern   [Feb. 2018 – Mar. 2018]
   - Co-ordinated in building a static website for an online banking system using .NET and SQL. as a course end assessment.
   - Integrated my understanding of Computer networks with hands-on practical.
   - Acquired command on device and OS troubleshooting.

9. IT NetworkZ Infosystems Pvt. Ltd. Nagpur, Maharashtra
   Intern   [Jan. 2018 – Feb. 2018]
   - Improved my understanding of Computer Networks and Software testing.
   - Created a user-based module in C++ as a course end project.

Education:

1. **Veermata Jijabai Technological Institute (VJTI)**

   Master of Technology - MTech

   Batch: 2020 – 2022, Pursuing

   Year I CGPA: 7.86

2. **Nagpur University, Priyadarshini Bhagwati College of Engineering**

   Bachelor of Engineering - BE, Computer Science, and Engineering

   Batch: 2016 – 2020, CGPA: 8.1

3. **Higher Secondary Education, St. Paul High School**

   Batch: 2016, Percentage: 58.8%

4. **Secondary Education, St. Xavier's High School**

   Batch: 2014, CGPA: 8.6

Skills:

C/C++	Team Management
Linux System Administration	Research
Networks and Troubleshooting	Strategic Planning
SQL	Web Content Curation
Python	Verbal and Written Communication
Microsoft power platforms	Mendix

Interests:

Reading and writing	Market study
Sports: skating	Finance
Arts: painting	Listening to pop music
Gardening	