Bhoomika Jethwani

Address: Mumbai, Maharashtra, 412115, *Phone:* +919967419210, *Email:* Bhoomika.jethwani@sitpune.edu.in

Upcoming graduate at Symbiosis Institute of Technology offering a strong foundation in programming paradigms. Looking for Software Development Projects that will help me enhance my current programming, communication and teamwork skills. Experienced in object – oriented programming, debugging code and designing interfaces. Ability to quickly learn and master new technologies.

Skills

- **Programming Languages:** Python, Java, C, C++, TASM, Linux, Solidity
- **Operating Systems:** Windows, Ubuntu(Linux), Mac OS
- **Software:** IntelliJ, PyCharm, Informatica ETL Tool, Oracle eBusiness Suite, Remix, Anaconda, DevC++, Turbo C
- **IDE:** Remix, Jupyter Notebook
- **Databases:** MySQL, Oracle PL-SQL, Azure Data Studio
- **Web Technologies:** HTML, JavaScript
- Familiar with using **GitHub**.
- Hard-working and dedicated learner with good problem-solving and analytical skills.

Project Work

- **Silent Airport Management System**, *Java*
  A desktop software designed on IntelliJ for the recently developed silent Airports to notify all passengers regarding flight delays and cancellations by sending them emails using SMTP server well in advance.
- **Asset-Tech Smart Contract**, *Solidity*
  Worked with a start-up BCA BIZ-CHAIN ASSET TECH to develop Smart Contracts for Bank's non-performing assets (NPA) to be deployed on the blockchain to resolve the problem of ad-hoc recovery of the assets for Indian Banks .
- **YouTube Database Management System**, *MySQL*
  Database System to securely handle all of YouTube's data and process queries on them by designing the ER diagrams, finding anomalies and functional requirements and creating procedures, functions and triggers to efficiently process the queries.
- **QR Code Scanner**, *Python*
  Designed a QR code scanner using OpenCV tools which was integrated with Cloud and deployed to be used for quality control, logistics, and to maximise the efficiency of production.
- **InfoSus App,** *Android Studio*
  A mobile application that facilitates residents of SUS village, especially students with innovative features for accessing information on all nearby shops & services.
- **Brick Breaker Desktop Game**, *Game Maker Studio*
  A brick-ball game with multiple lives, level and extra powers .
- **Agricultural Sector Performance in terms of GDP and Non - performing Assets**, *Python(Jupyter Notebooks)*
  Designed a regression model to predict the accurate Agricultural Sector GDP and NPA amount for a year to analyze the performance and growth of the sectors, which was later Integrated with Asset Tech smart contracts on Blockchain to provide an end-to-end transparent solution to financial institutions.

Internship

E.K. Kanoo B.S.C (ERP Department), Bahrain   (May'19 July'19)
Database Management, warehousing, designing schemas and performing ETL using Informatica tool of Oracle eBusiness Suite.

Education

Symbiosis Institute of Technology, *Pune*   (Bachelors of Technology in Computer Science)   (2016 - 20)
Current GPA – 8.8/10
Related Courses: Data Structures, Design & Analysis of Algorithms, Database Management Systems, Operating Systems, Theory of Computing, Network Security, Artificial Intelligence
New Millennium School DPS, *Bahrain*   (Higher Secondary School,)   (2014 - 16)
12th Percentage- 95.32%
Received 90% merit based scholarship
The Asian school, *Bahrain*   (Secondary School)   (2002 - 14)
10th Percentage- 92.5%

Certificates & achievements

- Data Security and Privacy, by Institute of Electrical and Electronics Engineers (IEEE)
- Social, Humanitarian and Cultural Committee delegate at Indian International MUN. (2015)
- Runner's up in Inter-School Basketball Competition (2016),
- First Place in Girl's Football Intra-college Sport Competition (2017), Third Place in Girl's Kho-Kho Intra-college Sport Competition (2017)
- Second Place in Girl's Football Intra-college Sport Competition (2018), Second place in Basketball Intra-college Sport Competition (2018)
- 1st Rank in Computer Science, 12th CBSE Board Exams, all over Bahrain.
- 2nd Rank in college in academic year 2017-18.

Workshops attended

- Artificial Intelligence in Banking & Finance, by BIBF (2018)
- Blockchain Technologies Application Solution Development Workshop, by Deep Tech Innovation Labs (2020)

Co-Curricular Activities

- Enjoy reading novels, exercising and swimming.
- Member of the college football and basketball team for inter-institute Sports competitions.
- Active member of Varsity Care Club in College for organising social events in college like teaching village students, painting houses in slums.
- Technical Head in college Tech-fest Techela in year 2019 and Events head in college Cultural fest Reverb in year 2017.