Vishal Dhatrika

vd@vishaldhatrika.me | https://vishaldhatrika.me/ | linkedin.com/in/VishalDhatrika | +1 (816) 745-2257 | Kansas City, MO

EDUCATION

University of Missouri – Kansas City   Kansas City, MO
Master of Science in Computer Science   *May 2024*
 – Fitness Center Attendant, UMKC Campus Recreation   *April 2023-January 2024*

Jawaharlal Nehru Technological University Hyderabad | MLR Institute of Technology   Hyderabad, India
Bachelor of Technology in Computer Science and Engineering   *June 2022*

TECHNICAL SKILLS

- **Languages:** Java, Python, C#, C++, R, SQL, PHP, Solidity, CSS 3, HTML 5
- **Frameworks:** Node.js, React, Bootstrap, Pandas, NumPy, Seaborn, Scikit Learn, Hadoop, Swing
- **Technologies and Tools:** Ethereum, Smart Contracts, Unix, Linux, Windows and macOS

RELATED EXPERIENCE

Epam Systems (Virtual)   Hyderabad, India
Pre-Education Programme Trainee   *September 2020-June 2021*

- Trained on technologies critical to the role of a Software Engineer - Maven, Git, Core Java, Design Principles and Design Patterns, Manual and Automated Testing, Front-end development.

UMKC SI and Tutoring | Academic Support and Mentoring   Kansas City, MO
Computer Science Tutor   *January 2023-Present*

- Empower students with comprehensive understanding and practical skills in programming and computational concepts via supporting the **courses**: Problem Solving and Programming I and II - Lab and Theory, Discrete Structures I, Data Structures, Blockchain Technologies, Network Architecture, Design and Analysis of Algorithms, Principles of Data Science, Introduction to Database Management Systems, Calculus I.

UMKC Writing Studio   Kansas City, MO
Writing Consultant   *August 2023-Present*

- Review, provide feedback and help to edit autobiographies, reports, resumes, university applications, speeches, presentations, and other forms of publication.
- Lead writing workshops and assist with marketing events, facilitate and foster student learning by asking questions, collaborating with writers during consultations, and teach important writing strategies and concepts.

PROJECTS

BlockCertify (https://blockcertifyproject.github.io/**)**   *May 2022*

- A secure verification and validation mechanism for educational certificates using Blockchain technology. Generated certificates in nearly 3 minutes, 85% lesser time compared to hard-copied documents.
- *Patent Applied with IP India*: https://vishaldhatrika.me/patents/blockcertify.pdf

Cuisine Haveli (https://cuisinehaveli.000webhostapp.com**)**   *December 2021*

- PHP, Bootstrap, and responsive LAMP stack web application to cater marketing, e-commerce, delivery, table booking and catalog management.

Augmented Reality Demo (https://vishaldhatrika.me/ar-demo**)**   *March 2022*

- Cross Platform AR viewer with support on iOS, Android, Windows and MacOS devices. Renders 3-D viewer where AR is unsupported.

BloQR (https://github.com/Retr0C0deRebe15/bloQR**)**   *September 2023*

- Generate BloQR codes using blockchain to verify if a QR code is legitimate or not.

Mills Nine Men's Morris Game (https://github.com/UMKC-Pals/Mills**)**   *December 2023*

- Learned and implemented SDLC and Agile principles and practices by developing a Nine Men's Morris desktop game using Java and Swing.