

Akanksha

GitHub: github.com/akanksha303
LinkedIn: [linkedin.com/in/akanksha303](https://www.linkedin.com/in/akanksha303)

Email: mkdir.tripathiakanksha339@gmail.com
Mobile: +91-9151468145

EDUCATION

Vellore Institute of Technology

Bachelor of Technology in Computer Science Engineering; GPA: 8.92

Bhopal, MP, India
September 2023 - August 2027

Relevant Coursework: Object Oriented Programming, Data Structures and Algorithms, Machine Learning, DBMS, Operating Systems, Software Development, Data Analyst, Computer Architecture.

SKILLS SUMMARY

Languages: C++, Python, Java, JavaScript, HTML, MySQL

Frameworks: Vue.js, Flask, Bootstrap

Tools: Git, Linux, VS Code, Google Colab, Jupyter Notebook, Figma

Libraries: scikit-learn, pandas, numpy, Matplotlib

PROJECTS

Brain Tumour Detection Using EEG Signals | Python, TensorFlow, Deep Learning — Ongoing

- Built an AI model that can detect brain tumors from EEG brain signals with 94% accuracy.
- Cleaned and prepared 500+ brain wave recordings from Kaggle to train the model
- Architected a CNN-based model to identify brain tumor presence from EEG signals, enhancing early diagnosis potential.

University Student Convenience System | Flask, SQLite, Vue.js, RESTful API, HTML/CSS

- Engineered an online platform enabling streamlined service requests for students, slashing order time by 70%.
- Orchestrated the back-end API in Flask with SQLite, supporting 5K+ monthly transactions and maximizing uptime.
- Constructed responsive frontend in Vue.js, fostering 40% user engagement growth during prototype testing.
- Optimized workflows by automating inventory and order systems, minimizing manual input by 80%.

Expense Manager | Flask (Python), HTML, CSS, SQL

- Conceived a full-stack web tracker to resolve financial ambiguity among university students.
- Programmed robust backend handling 10K+ monthly transactions with secure authentication modules.
- Boosted user financial literacy across 500+ users, yielding a 35% gain in budgeting efficiency.
- Devised a Vue.js dashboard for real-time expense categorization, uplifting UI/UX satisfaction by 40%.

CERTIFICATIONS

Certifications | Verified Credentials

- Programming in Java — VITyarthi Portal
- The Bits and Bytes of Computer Networking — Google Career Certification
- Python - Vityarthi

ACCOMPLISHMENTS

BitByBit Club, VIT Bhopal | Design Team

- Designed promotional posters and digital assets for 10+ club events, increasing attendance by 25%.
- Created social media graphics that boosted follower growth by 40% over one semester.

AI Club, VIT Bhopal | Content Team Member

- Authored 15+ technical articles on machine learning concepts for the club's knowledge base.
- Designed visual explainers and presentation decks that boosted workshop attendance by 40%.