






Koushik Kolla

 [github/KoushikKolla](https://github.com/KoushikKolla)  [Koushik-portfolio](#)  [linkedin/koushikkolla](https://www.linkedin.com/in/koushikkolla)  koushikkolla51@gmail.com  7483377571

EDUCATION

Visvesvaraya Technological University

B.E. Information Science

Global Academy of Technology

GPA: 8.32/10

Dec 2022 - Jul 2026

SKILLS

Languages: C, Java, Python, JavaScript, HTML/CSS

Frameworks: React, Node.js, Express.js

Tools: GitHub, VS Code, PyCharm, MySQL, Postman, Jupyter Notebook, Android Studio

Cloud: Google Cloud Vertex AI, AWS Basics

Data Analytics: Tableau, Pandas, NumPy, Matplotlib, Seaborn

Core CS: OOPs, Data Structures, Algorithms, OS, DBMS, CN

Soft Skills: Communication, Presentation, Teamwork, Adaptability

Interests: Full-Stack Development, ML, Cloud.

RELEVANT COURSEWORK

Cloud Computing, Data Analytics, Software Engineering, Operating Systems, DBMS, Computer Networks.

PROJECTS

Gesture-Based E-Voting System using Machine Learning & Facial Authentication | *Python, OpenCV, MediaPipe, SQL,*

- Developed a secure, contactless E-Voting system using ML-based facial authentication and gesture-controlled voting.
- Implemented real-time hand-tracking with MediaPipe and built multi-role portals (User/Admin/Candidate) with verification, approvals, and vote management.
- Applied IoT-style human-machine interaction concepts to ensure automation, security, and ease of use.

Personalized News Digest Service | *React, Node.js, Express, MongoDB, Tailwind CSS*

- Developed a MERN application for personalized news aggregation and automated email delivery based on user preferences.
- Implemented scheduled background jobs using Node-cron for fetching real-time news via NewsAPI and sending digests via Nodemailer.
- Designed a responsive, modern dashboard using React and Tailwind CSS for seamless topic management and subscription control.

Smart Expense Tracker with Analytics Dashboard | *React, Node, Express, MongoDB, Chart.js*

- Developed a MERN application supporting authentication, analytics, and profile management.
- Used MongoDB aggregation pipelines for expense insights and dynamic chart generation.
- Added responsive UI, dark mode, and PDF export for professional reporting.

CERTIFICATIONS

Tableau Desktop Specialist — Infosys Springboard (Jan 2025)

React Basics — Coursera (May 2025)

Cloud-Native Applications in Java — Infosys Springboard (Jan 2025)

Prompt Design in Vertex AI — Google (Jul 2025)

Basics of Python — Infosys Springboard (Jan 2024)

SUMMARY

Strong coding background with hands-on experience in ML-based automation, Full-stack development, SQL systems, and cloud technologies. Built industry-like projects involving gesture recognition, analytics dashboards, and secure database workflows. Excellent communication and presentation skills with ability to explain technical concepts clearly.