

# Koushik Kolla

[github/KoushikKolla](#) [Koushik-portfolio](#) [linkedin/koushikkolla](#) [koushikkolla51@gmail.com](mailto: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.