Akshat Vyas

B.TECH COMPUTER SCIENCE STUDENT

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Summary

I am a third-year B.Tech Computer Science student at KIIT University, deeply passionate about building things that make a difference — whether it's a full-stack web app or a motion-sensing IoT device. I find joy in learning by doing, and my projects reflect that hands-on spirit. From crafting interfaces with React to designing Arduino-based automation, I love the challenge of turning ideas into functional tech. My curiosity fuels everything I do — be it solving a Rubik's Cube, experimenting with microcontrollers, or exploring new JavaScript frameworks. I believe in learning fast, building smart, and always staying genuinely excited about technology.

Education

KIIT University, Bhubaneshwar, Orissa **2022 - 2026**

Bachelor of Technology (B.Tech), Computer Science CGPA: 8.42

RPS International School Gurgaon, Haryana **2020 - 2022**

Intermediate (PCM) Percentage: 83.2%

Skills & abilities

- **Technical Skills** – C, C++, Java, JavaScript, HTML, CSS, Python
- **Frameworks & Library –** React.js, Redux, Node.js, Express.js, Flask, Socket.io, Pug.js
- **Database –** MongoDB
- **Soft Skills** – Fast learner, Logical problem solver, Team player, Independent contributor
- **Interests** – Rubik's cube solving, EDM music, Exploring electronics and IoT, Stats & analytics, Video games
- **Certifications** – Web Development Course
  Issued by Teachnook in collaboration with Cognizance'24 IIT Roorkee | **Duration**: May 2024 – June 2024

Portfolio

Link: portfolio-eta-nine-41.vercel.app
Showcasing full project demos, source code, and design insights for web and IoT innovations.

Work & Projects

- **Fake News & Fraud Detection** – Mini project using ML techniques to classify fake news articles
- **Mapify** – A workout tracker using Leaflet.js to log distance, time, and speed on an interactive map
- **Natours** – A static travel booking homepage showcasing design with clean frontend technologies
- **Pixel Color App** – A dynamic grid-based coloring game built using React.js
- **iOS Calculator Clone** – Built with React.js to mimic native calculator UI/UX

IoT & Embedded Projects

- **Laser-based Motion Sensor System** – Developed using Arduino to detect interruptions in a laser beam
- **Smart Dustbin** – Contactless dustbin using ESP32 for automatic lid control
- **Armed Robot** – Participated in IOT Lab's prototype robot project for maneuvering and object interaction