ADITYA RAJ

Roorkee, Uttarakhand, India

📞 +91 7004433613 ✉ aditya.me269@gmail.com 💼 linkedin.com/in/astro-adityaraj 🐙 github.com/astrobot-me 🌐 rajaditya.me

Education

Roorkee Institute of Technology, Uttarakhand, India [On going]	**2023 − 2027**

Bachelor of Technology in Computer Science & Engineering : CGPA 8+

DAV Public School, Bihar, India	**2012 − 2023**

High & Senior Secondary School

Experience

ThrustWork Dynetics	**Jan 2025 − Present**
Full Stack Engineer (Freelance)	*Remote*

- Implemented their Official website with 6+ landing pages and different sections.
- Engineered their Frontend Panel linked with Content Management System through Sanity CMS

Projects

Visum - Driver Monitoring System	*Python, OpenCV, Mediapipe* [GitHub]	**Ongoing**

- Built a real-time driver alertness system to detect drowsiness using facial landmarks and eye aspect ratio tracking.
- Integrated passive alert triggers (audio-based alarms) when drowsiness or distraction is detected.

Bubbler - Anonymous Message Webapp	*Next.js, MongoDB, Tailwind, Auth.js* [Live] [GitHub]	**Ongoing**

- Designed and deployed a full-stack anonymous messaging platform with OTP email verification flow.
- Used Auth.js to implement both JWT and session-based authentication strategies.

Buggy Weather - Web App	*React.js, Appwrite, Daisy UI, Redux Toolkit* [Live] [GitHub]	**Ongoing**

- Built a weather forecasting platform using Appwrite for backend services and authentication.
- Managed UI state and API cache efficiently using Redux Toolkit.

Adidas Homepage Clone	*HTML, Tailwind CSS* [Live] [GitHub] [Figma]	**Completed**

- Recreated the Adidas homepage as a pixel-perfect responsive clone from a Figma design.
- Implemented responsive layouts for desktop, tablet, and mobile using Tailwind's grid/flex utilities.

Open Source Contribution

Antriksh India - Space Info Website	*HTML, CSS, JavaScript* [Live] [GitHub]	**Completed**

- Contributed to an open-source community project to build a public information portal about India's space journey.
- Tailored 5+ pages with custom design responsive for multiple viewports all implemented in w3school/css from scratch
- Collaborated on designing interactive UI sections and optimizing accessibility and responsiveness across devices.

Technical Skills

Languages: Python, Java, JavaScript, HTML/CSS, SQL
Frameworks & Libraries: React.js, Next.js, Express.js, Tailwind CSS, Daisy UI, Shadcn, Redux Toolkit, Mediapipe, OpenCV
Tools & Platforms: Git/GitHub, Appwrite BaaS, MongoDB, JDBC, Figma, Trello, Sanity CMS
Databases & ORMs: MongoDB, MYSQL, Mongoose

Achievements

- Winner - Business Plan Competition (Link)
- 2× Winner - TECHNOMAX '24 & '25 Innovation Competition (Link)
- 4× Winner - National Level Hackathons
- Graphethon 2.0 Finalist
- Smart India Hackathon 2024 - Finalist (Certificate)

Leadership

Chairperson - RITMUN 2024 [Link]	**Spring 2024**
Roorkee Institute of Technology	*Roorkee, India*

- Moderated and led RIT's official MUN conference, coordinating agendas and debates.

Mentor/Organizing Team- RIT-a-THON 2025 [Link]	**Spring 2025**
Roorkee Institute of Technology	*Roorkee, India*

- Core Member of RIT-a-THON Organizing team, built the official website and designed problem statements for separate categories, mentored 200+ students during hackathon.