

Akash Singh

Portfolio

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EDUCATION

- **Dayanand Sagar College Of Engineering** Bengaluru, India
Bachelor of Engineering-Computer Science And Engineering; 2022 - 2026
- **Delhi Public School** Siliguri, India
12th Standard; CGPA: 9.6 2020-2022
- **Delhi Public School** Siliguri, India
10th Standard; CGPA: 9.6 2010-2020

SKILLS SUMMARY

- **Languages:** Python, JavaScript, TypeScript, SQL, Bash, C
- **Frameworks:** Flask, NodeJS, ExpressJS, React
- **Web Development:** HTML5, CSS3, Bootstrap5, TailWind
- **Database And Tools:** MongoDB, Mongoose, GIT, GITHUB, Docker
- **Soft Skills:** Public Speaking, Leadership, Event Management, Writing, Time Management

PROJECTS

- **SleepSense - Drowsy Driver Detector(Machine Learning, Image Processing, Web Development):**
About A ML model that scans the driver for drowsiness and alerts them incase of danger while driving via Telegram message and audio cue. Also provides information of where you last fell asleep, analysis of trip, when you should take rest and when you were most drowsy. Tech: Python, Flask, OpenCV, TensorFlow, Keras (June '23)
- **AI Image Generator (Full Stack Web Development):** A Full Stack responsive Website that allows users to generate AI Images via prompts and fetches the images via the DALL-E API and share those images via storing them in the backend. Tech: MERN Stack- MongoDB, Express.js, Node.js, React.js, OpenAI. (April '23)
- **Gen-Z Diaries- Blog Website(Full Stack Web Development):** A fully responsive Blog Website that allows users to create blog posts, add comments to other blog posts and delete posts with full authentication utilising HTTP requests and database CRUD operations. Tech: Python-Flask, SQLAlchemy, HTML, CSS, Bootstrap (October '22)
- **Twitter Complaint Bot(Web Driver):** A Twitter Bot which utilizes Selenium WebDriver And Python to check your internet speed via speedtest.net. If the internet speed is lower than your set expectations, the bot will login into Twitter and tweet a complaint @YourISP Tech: Python, Selenium Web Driver (September '22)

HONORS AND AWARDS

- Placed Top 10 Among 48 other teams in Hackmanv6 -July 2023
- First Place in Web Wizards Web Development Contest - February, 2023
- First Place in Extempore Competition in InBlooms organized by Christ University - April, 2023

LICENSE AND CERTIFICATIONS

- **The Complete 2023 Web Development Bootcamp - April 2023:**
- **100 Days Of Code By Angela Yu - October 2022:**
- **Automate The Boring Stuff With Python - October 2022:**

VOLUNTEER EXPERIENCE

- **Point Blank** Bengaluru, India
Member of an elite multidisciplinary team of programmers from DSCE. Jan 2023-Present
- **LITSOC, DSCE** Bengaluru, India
Member of the Literary Society of Dayananda Sagar College Of Engineering. Jan 2023-Present