

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, C
- **Frameworks:** Flask, NodeJS, ExpressJS, React
- **Web Development:** HTML5, CSS3, Bootstrap5, TailWind
- **Database And Tools:** MongoDB, Mongoose, GIT, GITHUB, Arduino IDE

PROJECTS

- **ClassSnap - Automated Notes Generation for Online Classes(Web Driver, Web Development):**
 - An Advanced Web Application that aims at generating automated notes for online classes
 - This is achieved via using **text extraction** from video and audio of the recorded lecture via Selenium Web Driver.
 - Also consists of user dashboard to view all generated notes of user.
 - **Tech: Python, MERN Stack, Selenium Web Driver**(August '23) [Github](#)
- **SleepSense - Drowsy Driver Detector(Machine Learning, Image Processing, Web Development):**
 - 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) [Github](#)
- **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**.
 - Also allows users to share those images via storing them in the cloud and fetching them in the frontend.
 - **Tech: MERN Stack- MongoDB, Express.js, Node.js, React.js, OpenAI.** (April '23) [Github](#)

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