Ashutosh Kumar

my GitHub
my LinkedIn

my personal site
ashutoshak5543@gmail.com

Education

Siliguri Institute of Technology, Siliguri – W.B
Computer Science and Engineering (B.Tech) - (8.84/10) CGPA

Aug. 2020 – Present
Siliguri, IN

Technical Skills

OS: Windows, Linux
Programming Languages: C/C++, Python, Tailwind CSS, ReactJS, JavaScript
Libraries: OpenCV, Pandas, NumPy, Seaborn
Version Control: Git, GitHub
Tools: Arduino, VS Code, Docker, GCP, Networking
Software Development: Design, Testing, Deployment

Projects

Home Automation System — June.2023
* Analyzed and implemented voice control using Google Assistant, reducing energy consumption by 30%
* Reduced manual tracking efforts by 80%.

My Portfolio Website — Mar.2024
* Developed a React web app using Tailwind CSS and NodeJS to showcase my skills, projects and experience

Chatting Application — July.2023
* Developed a LAN-based chatting application with user authentication and encryption, reducing security breaches by 90%.
* Utilized by a team of 20 classmates during prototyping.

Uber Data Analysis(NYC) — Dec.2022
* Analyzed Uber data (2014-2018) to optimize operational efficiency.
* Estimated fares using Linear and Random Forest Regression, resulting in improved service quality

Experience

Intern
Indian Oil Corporation Limited

Dec. 2023 – Jan.2024
Guwahati, IN
* Led a team of 4 to develop a speech-to-text app with an accuracy level of 80%
* Utilized by 100 users for transcription tasks.

Data Analyst Intern
Excelerate

Aug. 2023 – Sept.2024
US, Remote
* Analyzed Facebook ad campaign data and proposed optimization strategies
* Resulting in a 20% increase in click-through rates.

Community Serving

Web Developer Executive
Google Developer Students Club, SIT

June. 2022 – June.2023
Siliguri, IN
* Developed and integrated a real-time counter for GDSC pages
* Reduced manual tracking efforts by 80%.

Achievements and Certifications

Oracle Cloud Infrastructure 2023 Foundations Associate (1Z0-1085-23) — Oct. 2023 – Oct.2025

CodeKaze 2023 at Coding Ninjas — Sept.2023

• Got AIR 2518 among 3lacs+ participants

Advanced to 2nd round at TATA Imagination Challenge 2023 — Sept.2023

Mentee at CNCF :Zero-to-Merge 2023 — Aug. 2023 – Sept.2023

• Selected as a mentee at CNCF for the open source program

Advanced Software Engineering Virtual Experience Program(Walmart Global Tech) — Oct. 2023 – Oct.2025

• Completed this 1 month Internship Experience on Forage