






BARUN KUMAR GUPTA

 Leetcode  Github  LinkedIn  (+91) 7678474109  barung2023@gmail.com

EDUCATION

KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY, Bhubaneswar *Oct 2021 - Aug 2025*
Computer Science and Engineering (B.Tech) GPA: 8.2/10

Kendriya Vidyalaya AFS Manaur, Prayagraj *July 2017 - June 2021*
Intermediate (CBSE) Percentage: 74.4

EXPERIENCE

Hindustan Aeronautics Limited Internship/Training June 2023 - July 2023

- Worked on a Python Offline Model to Denoise audio recordings from Pilot microphones and convert them into text transcripts with 88% accuracy, enhancing Pilot communication under the Software Design Division.
- Explored diverse software technologies, mastering two distinct languages and frameworks, contributing to a 25% increase in coding versatility. Proficiently documented the process.
- Analyzed and documented workflow processes across seven divisions at HAL, identifying bottlenecks and proposing improvements that led to a 20% increase in operational efficiency.

PROJECTS

GreenInsight - Vision Transformer for Plant Disease Classification :[Github] July 2023

- Developed a Python-based Vision Transformer Network achieving 95% accuracy in precise plant disease classification.
- Improved project focus, elevating accuracy by 15% and enhancing model interpretability.
- Led project milestones: designed model architectures, actively participated in training operations, achieving a robust 78% accuracy rate.

FashionSense - ML - Fashion Recommender System :[Github] May 2023

- Built a Fashion Recommender System with a 92% accuracy using Python and a pre-trained ResNet CNN model.
- Enhanced expertise in deep learning, CNN architectures, and transfer learning while efficiently delivering personalized clothing recommendations.
- Demonstrated practical AI applications in e-commerce, emphasizing data preprocessing and efficient model tuning.

BotanicBazaar - E-Commerce Platform for Botanical Enthusiasts :[Github] Sept 2022

- Directed end-to-end development and successful launch of an E-Commerce platform catering to plant enthusiasts.
- Utilized HTML, CSS, JavaScript, Node.js, ExpressJS, and MongoDB for seamless user experience.
- Managed a team of three developers, resulting in a 12% reduction in website loading times.

SKILLS

Programming Languages	C, C++, Java, JavaScript, Python
Frameworks and Libraries	React JS, NodeJS ExpressJS, React Native
Tools and Operating Systems	Git/GitHub, Postman, AWS, Linux
Databases	MongoDB, MySQL, SQL
Others	Data Structure and Algorithm, Computer Networking, OS, DBMS

ACHIEVEMENTS

2024: Solved 100+ Leetcode Problems

2023: Selected for Smart India Hackathon by college out of 150+ Teams

2022: Top 7 teams out of 30+ at a hackathon by Devfolio, Polygon, Solana, Filecoin

2018: Represented Varanasi in National Cricket Tournament by Kendriya Vidyalaya Sangathan