

Natique Ibrar Alam

ibrarnatique8@gmail.com | linkedin.com/in/natique-ibrar | github.com/Natique1415

EDUCATION

KIIT - Kalinga Institute of Industrial Technology

Bhubaneswar, Odisha, India

Bachelor of Technology in Computer Science and Engineering

Aug. 2024 – Present

- Current **CGPA: 9.81** (up to 3rd Semester)
- Secured a perfect **SGPA of 10.0** in 2nd and 3rd Semesters
- Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming (Java), Computer Architecture & Organisation, Operating Systems, Database Management Systems

EXPERIENCE

Co-Founder & Front-End App Developer

Jun. 2024 – Jan. 2025

Plantast (Self-Employed)

Remote

- Architected and shipped a **cross-platform mobile app** in Flutter, owning the full **frontend development lifecycle**
- Designed and structured the **database schema** for scalable data management
- Led **frontend development** and contributed to product design and feature planning

PROJECTS

Gmail Equation Inserter | *JavaScript, HTML, Chrome Extension*

- Built a **Chrome extension** to insert **LaTeX equations** directly into Gmail with a **visual editor** and **live preview**
- Engineered a workaround for Gmail's **HTML sanitization** by injecting equations as pasted images, ensuring correct rendering on delivery
- Drove early **organic traction** with **5.7K+ Reddit impressions**


GhostWriter | *Python, Qwen2.5, System Integration*

- Built a **system-wide AI writing assistant** for **Windows** enabling text transformation through a global hotkey (**Ctrl+Alt+G**)
- Integrated a locally running **Qwen2.5 (0.5B)** model quantized to **~400MB**, enabling **offline inference** on low-resource machines
- Designed a **plug-and-play setup** with automated model download and configuration for non-technical users
- Optimized inference for **short-text tasks** using a **2048-token context window**, balancing speed and response quality on low-resource hardware

PlaceMe | *React, Node.js, Claude AI, LeetCode GraphQL API*

- Built a **full-stack AI placement preparation platform** in **24 hours** for the **Replit 10th Anniversary Buildathon**, covering multiple stages of the SDE interview pipeline
- Integrated **Claude AI** for **skill-gap analysis**, company-specific readiness scoring, **resume improvement** with before/after diff views, and strict interview answer evaluation
- Developed company-specific interview simulations including **Amazon Leadership Principles (16 LPs)**, Goldman Sachs aptitude and finance rounds, and Adobe product-thinking interviews
- Implemented real-time LeetCode problem fetching and ranking based on **company frequency** using the **LeetCode GraphQL API**

CERTIFICATIONS

CS50P: Introduction to Programming with Python | *Harvard University* 

Nov. 2023

Code in Place | *Stanford University* 

Apr. 2025

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, C, HTML, CSS

Developer Tools: Git, Docker, PostgreSQL, SQLite, VS Code, Vim