

Asit Kumar

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PROFILE

Aspiring Software Engineer with a passion for scalable systems, real-time apps, and open-source development.

EDUCATION

Babu Banarsi Das Institute of Technology,

Bachelor of Technology in Computer Science and Engineering

Expected Graduation: 2022 - 2026

• Relevant coursework: DSA, OS, DBMS, SQL | Advanced: ML, Web Dev, Data Analysis

Ghaziabad, Uttar Pradesh

SGPA: 7.5 / 10

Parvati Rastiy (PR) Inter College,

Higher Secondary Education (10–12th) | PCM

2018 – 2022

Sidhpura, Uttar Pradesh

Score: 73%

SKILLS

- **Programming Languages:** Java, Python, JavaScript, C++, HTML, CSS
- **Frameworks & Libraries:** Spring Boot, Node.js, Express.js
- **Databases:** MongoDB, MySQL
- **Tools & Platforms:** Git, GitHub, VS Code, Version Control Systems
- **Core Concepts:** DSA, OOP, Software Design

EXPERIENCE

Open Source Contributor — GirlScript Summer of Code (GSSoC) 2025

Contributor | July 2025 -Present

Contributed to real-world open-source projects, resolving bugs, enhancing UI/UX, writing modular code, adding features. Successfully created multiple pull requests and collaborated with mentors and maintainers using GitHub and issue trackers. Learned and applied collaborative development workflows, version control, and issue-based task handling.

PROJECTS

DevTinder | https://github.com/Asit-14/devTinder_api

Designed backend with modular APIs to support horizontal scalability..

- Built swipe-based match logic and backend APIs for user profiles and real-time messaging.
- **Technologies:** Node.js, Express.js, MongoDB, Mongoose, JWT, Bcrypt

Real-Time Face Recognition System | <https://github.com/Asit-14/Face-Recognition-project>

A real-time facial recognition application for identity verification using Python and OpenCV.

- Trained ML models to recognize and identify known faces with high accuracy.
- **Technologies:** Python, OpenCV, Machine Learning

Quantify Achievements

- **DSA:** Solved 400+ DSA problems on LeetCode/GfG with 150+ medium/hard questions in DP, Trees, Graphs, etc.
- Profiles: [LeetCode](https://leetcode.com/asit14/) | [GeeksforGeeks](https://www.geeksforgeeks.com/profile/asit14/)

LEARNING INTERESTS

- Currently exploring Natural Language Processing, secure software design, and distributed systems via online learning and side projects.

CERTIFICATIONS

- [IBM SkillsBuild](#) - Artificial intelligence (AI) concepts, such as natural language processing, computer vision, machine learning, deep learning, chatbots, and neural networks.
- [Google Cybersecurity](#) - Network security, encryption, threat analysis (Oct 2023)
- [Udemy](#) - Python Bootcamp (Nov 2023)