Abhishek Kumar Agrawal

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EDUCATION

- **Techno Main Salt Lake**
  BTech in Computer Science(AI & ML)
  Kolkata, India
  July 2022 - June 2026

  Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Object Oriented Programming, RDBMS

SKILLS SUMMARY

- **Language**: Python, PHP , C, C++, Java, HTML, JavaScript, CSS, React.js, AngularJS
- **Backend :** REST API, Fetch/Axios, Node.js
- **Libraries**: Numpy, Pandas, Matplotlib
- **Tools & Version Control:** Git, GitHub (experienced with branching, pull requests,commit messages), Figma, Firebase
- **Soft Skills**: Leadership, Communication, Writing Public Speaking, Time Management
- **Other Skills**: UI Design and Development, Frontend Development
- **Additional Skills:** OOP, Algorithmic thinking, Unit Testing, Linux/Windows command-line experience

PROJECTS

Medikit (Web Development)

- AI-Powered Medical Research Solution.
- Developed **Medikit**, an autonomous AI-driven solution for medical research using a multi-agent architecture.
- Boss agent dynamically prioritizes and adjusts task lists based on research objectives and results.
- Worker agents execute tasks using APIs like PubMed & My Gene, retrieving and processing medical data.
- **Technologies:** Python, JavaScript

Restaurant Management Web App

- Built a full-featured restaurant platform with dynamic menu, cart system, order tracking, and user authentication.
- Developed a recommendation system combining content-based filtering for users and frequency-based **suggestions for guests.**
- Designed user profile management and item pages with **ratings, reviews, and feedback functionality**.
- Created an admin dashboard for menu control, order status updates, and customer **feedback monitoring.**
- **Technologies:** Django, Python, HTML/CSS, JavaScript, SQLite, Scikit-learn

ACHIEVEMENTS

- **Lead a team** of 4 developers in a Hack Wave Hackathon'24
- Qualified in **Internal Hackathon'24 for SIH**
- Solved over **250+ problems** on different coding platforms
- **Ranked under 3** in Pixal Wizard Hackathon'24

SOCIAL ENGAGEMENTS

- **Co-Head :** at Sports Club-TecnOtkarsh official sports club of college
- **Volunteer:** at IIC – Teaching Training Program run by students to educate underprivileged children's.
- Collaborated with a cross-functional team to develop and deploy software platforms, that helped increase the organization's reach and track user analytics.
- **Sports-Engagements:** Badminton, Chess, Cricket ,Football