

VINAMRA VASHISHTH

[LinkedIn](#) | [Email](#) | [Github](#) | [Portfolio](#)

Education

Blockchain Mastercamp	The Masters' Union, Gurugram	July'22 – April'23	91%
B.Tech. (CSE)	IIIT Kota	Dec'20 – May'24	8.95/10 CGPA
Class 12 (CBSE)	Silver Line Prestige School, Ghaziabad	April'16 – May'17	95.4% (PCM Topper)
Class 10 (CBSE)	Silver Line Prestige School, Ghaziabad	April'14 – May'15	93.2%

Experience

[Melio Labs](#)

Software Developer Intern
(Dec'22 – Present)

Seed stage startup focussed on cloud-deployable diagnostics and multi-pathogen surveillance

- Developed Melio's **data pipeline** and worked on the **time series analysis** of DNA melting data
- Built **visualization** and **GUI inspection tools** using React.js to support the DNA Melt platform
- Implemented a web-based **dashboard** application to **monitor** various melting experiments

Projects

[Time Series Annotation Using Active Learning](#)

(Mar'23 – May'23)

Developed a web-based application leveraging K-Means clustering with active learning, resulting in efficient annotation

- Utilized PCR melting dataset of **10 million** data points to demonstrate application's efficacy
- Integrated "**Uncertainty Sampling**" active learning strategy, leading to continuous refining of data clusters based on manual annotator feedback, culminating in efficiently labeled data.

[E-Daftar](#)

(July'22 – Aug'22)

Developed a smart file tracker-cum-manager project for making the file-approval process 100% corruption-free

- **Employee module** enables creation, approval and **smooth inter-department transit** of files
- **Admin module** allows **real-time visualization and monitoring** of files saving **500+** hours
- Qualified as a **finalist in the Smart India Hackathon**, ranking in the **top 5 out of 50** teams

[HostelVerse](#)

(Apr'22 – Jun'22)

Developed a web-based application to digitize and automate the daily tasks of a hostel warden

- **Single-click allotment** of hostel rooms to students, **100% digitized** with no manual efforts
- **Automation** of miscellaneous functions like check-in/check-out at gate, housekeeping, etc
- **Geo-location API** based hostel attendance for students, saves **time and manual efforts**

Positions of Responsibility

Core Team, Zine Robotics and Research

- Successfully **mentored 100+ freshers** across a **10-day** robotics-oriented workshop.
- Participated in prestigious robotics competitions, including **Techfest (IIT Bombay)**.

Lead Organiser, Hack The Chain

- Successfully organized a **global hackathon** with over **800** registrations and **15+** sponsors.
- Raised a prize pool of over **1.5 lacs** through meticulous coordination and planning.

Club Coordinator, Codebase

- Leading **Codebase** - the open-source contribution society of IIIT Kota.
- Conducted workshops for Computer Science students covering topics like Git and Github.
- Actively engaged with students, providing guidance and assistance during workshops.

Skills, Achievements & Interests

Tool Proficiency

- **Programming Languages:** C / C++, Javascript, Typescript, Python, Solidity
- **Libraries:** React.js, Redux, Mongoose, Tailwind CSS, Ethers.js, Openzeppelin
- **Frameworks:** Node.js, Next.js, Express.js, Flask, Hardhat
- **Miscellaneous:** Shell, Git, REST APIs, Chainlink Oracles

Hackathons

- **Finalist**, Smart India Hackathon, 2022 - Developed a **file tracking** system named **E-Daftar**
- **3rd Position**, Unscript Rookie Hackathon, - Developed a hostel management system.

Literary Enterprise

- **JEE Main** Examination, 2020 – **98.25 %ile** among **1.1 million+** applicants.

Hobbies

- Practicing **touch-typing** - Among the **50 fastest touch typers** in the world.
- Participating in regular fitness activities, including **team sports and cycling**.