

Ankur Kumar

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EDUCATION

Degree/Board	Institute	Percentage	Year
B.Tech. (EEE)	Indian Institute of Technology (IIT), Patna	78.3%	2021-Present
XII (CBSE)	Tagore International School, New Delhi	95.6%	2020
X (CBSE)	Tagore International School, New Delhi	93.0%	2018

WORK EXPERIENCE

Research Intern | IIT Patna

Supervisor: Dr. Somanath Tripathy, Department of Computer Science and Engineering
May 2023 - Nov 2023

- Explored literature on Notary schemes, sidechains, and simulated blockchains.
- Consensus model analysis and parameter tuning for Cosmos' Byzantine fault tolerance.

Solutions Developer Intern | Innovya Technologies

[Certificate](#)

Oct 2022 - Jan 2023

- Developed APIs in Python and Nodejs and conducted testing in Postman.
- Worked with AWS Lambda, SNS, and CloudWatch to monitor and add functionality in the application.

PROJECTS

TATA Steel's TomorrowLAB

[Case Study](#)

An Ideathon. Researched and an developed an early stage startup upon a set of 11 themes.

Yellow.ai Productathon

[Case Study](#)

Researched and presented a solution to humanize bot interactions in VR gaming.

Malaria Detection Application

[Github](#)

Developed a GUI-based app with a custom CNN model (95.22% accuracy) to classify uploaded cell images as parasitized or uninfected, augmenting images and displaying results in user-friendly language.

SKILLS

Languages	Libraries/Frameworks	Other Tools
Python	TensorFlow	AWS
C++	Django	Pandas
SQL	Git/Github	Jupyter

ACHIEVEMENTS

• InterIIT Tech Meet 12.0 — Product Management

[Ideathon](#) — [GTM](#)

Successfully addressed Trumio's challenge at Inter IIT Tech Meet, showcasing expertise in AI for University Project Ecosystem, with impactful strategies for alumni engagement and AI education enhancement.

• InterIIT Tech Meet 11.0 — Blockchain

[MetaMask](#) — [Certificate](#)

Created a snap that enables the meta mask users to forecast the gas prices and plan their transactions beforehand.

POSITIONS OF RESPONSIBILITY

TEDxIITPatna

Coordinator, Sponsorship

Led a team to pitch various companies and outlets for various forms of sponsorship for the TEDx event.