



EKANSH JAIN

Indian Institute of Technology (IIT), Kharagpur, India
Minor Maths and Computing | Micro Specialisation Entrepreneurship and Innovation
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EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2023	B.Arch(Hons.)	Indian Institute of Technology (IIT), Kharagpur	8.57/10.00
2023	Mathematics (Minor)	Indian Institute of Technology (IIT), Kharagpur	8.0/10
2018	Senior Secondary (PCM)	Lords International School, Alwar	95.6%

SKILLS AND EXPERTISE

Programming : Python, C/C++, HTML/CSS, Javascript, NodeJS, ReactJS, React Native, Flask, Git, Linux, MySQL, AWS, Firebase, GCP, Jenkins
Data Science and Machine Learning Libraries : TensorFlow, NumPy, SciPy, Pandas, Matplotlib, Keras, SciKit-learn, PyTorch, Nltk, Scrapy
Personal Skills : Microsoft Excel, Google Suite, Critical Thinking, Market Research, Data Analysis, Photoshop, Figma, Jira, Graphic Design

INTERNSHIPS

Software Developer	Blinkit Bangalore	Feb '22 - Jun '22
Development of New Storeops service which have async nature to cater high order volumes (3 lakh+) in 450+ Blinkit DarkStores pan India. <ul style="list-style-type: none">Analyzed the requirements to reconstruct the Storeops dashboard and app for better user Experience and improved business model.Developed latest user-facing feature in ReactJS and React Native and built reusable components and front-end libraries for future use.Built and deployed end to end workflows in the Storeops dashboard and app which are used in the daily operations in Blinkit Darkstores.The new service reduced the time taken in store operations by 15% and increased the number of deliveries under 10 minutes by 30%.		
Software Developer	MapOut Gurgaon	Sep '21 - Dec '21
Development of a career exploration platform to help candidates determine suitable career path based on their skills and qualifications. <ul style="list-style-type: none">Developed the pipeline for determining employability score to calculate the degree to which given resume fits a certain job description.Worked with NLP and data science libraries for extraction of employability score from a resume and Flask for developing API endpoints.Developed Find a Mentor feature which helps in discovering an advisor which boosted the user engagement on the platform by 25%.		
Backend Developer	Auroville Investment Management Hong Kong	May '21 - Jul '21
Ideation and development of personal asset management platform based on investment goals, risk appetite and investment horizon. <ul style="list-style-type: none">Built API endpoints for Auro.edu which offers investment masterclasses, on demand practitioner classes and certifications in NodeJS.Ideated and Developed Auro coins module where one can earn coins by sharing investment pitches and answering investment questions.Auro coins and Auro.edu module boosted the user engagement on platform by 28% and generated revenue of 1 lakh+ in first month.		
Machine Learning Engineer	LeadingIndia.ai Gurgaon	May '20 - Jun '20
Development of Surveillance System for Monitoring Social Distance that could be deployed on surveillance devices like UAV, CCTV etc. <ul style="list-style-type: none">The system detects and mark the pedestrians not following specified social distancing norm with red bounding box in the input video.Used tiny Yolo v3 and Yolo v4 trained on Coco Dataset for pedestrian detection and openCV for image and input video manipulations.Led a team of 5 members and was declared winner of the summer internship and the project was selected for presentation in IACC 2020.		

PUBLICATIONS

Ekansh Jain, (2021) "Surveillance System for Monitoring Social Distance". In: Garg D., Wong K., Sarangapani J., Gupta S.K. (eds) Advanced Computing. IACC 2020. Communications in Computer and Information Science, vol 1367. Springer, Singapore [\[Link to Paper\]](#)

PROJECTS

Staart-Site Monitoring System	June '22 - Aug '22
<ul style="list-style-type: none">Developed a construction management web application to help architect and engineers keep track of the progress happening on site.Links various construction data on single dashboard like renders, drawings and site photographs making project management easier.The web application is used by 50+ architects and 200+ site engineers. It is developed using ReactJS, firebase and google cloud functions.	
Store Management App/Dashboard	Feb '22 - June '22
<ul style="list-style-type: none">Developed the purchase order Inwarding, Discrepancy creation and audit flow in the storeops app used pan India in Blinkit Dark Stores.Developed generic reusable components for pagination table and editable Cart table in ReactJS used across storeops dashboard.Built the invoice and E-way bill printing component, liquidation workflow and user management for the store manager dashboard.	

AWARDS AND ACHIEVEMENTS

- Declared **Winner** of the summer internship competition at LeadingIndia.ai in which more than **600** students from pan India participated.
- Ranked **third** in the Intra institute open data analytics competition at IIT Kharagpur in which more than **400** submissions were received.
- Received a letter of recommendation from prof. Gaurav Singhal (Bennett University) for exceptional performance during the internship.
- Secured 99.7th percentile out of 4 lakh participants in SOF International Math Olympiad '14 and secured School Rank **1** in class XII in PCM.

RELATED COURSEWORK

Programming and Data Structures | Design and Analysis of Algorithms | File Organization and Database management | Probability and Statistics | Linear Algebra | Economics | Engineering Mathematics | Product Development | Computer Vision | Natural Language Processing
MOOCs - Machine Learning | Deep Learning Specialization | Applied Data Science | Object Oriented System Design | Full Stack Web Dev