

Utkarsh Priye

Email ID - Utkarsh Priye

LinkedIn - <Utkarsh Priye>

Mobile No - 9939635206

Address: Bangalore, Karnataka, India

Education

Year	Degree/Exam	Institute	CGPA/Marks
2022-Present	B.Tech (ComputerScience)	Dayananda Sagar University	**/10
2020	12th Grade	Bihar Board of Open Schooling and Examination	74.5%
2018	10th Grade	Dr. D. Y. Patil, Patna	72%

Experience

- 1) CDSIMER SLD Screening App (Frontend & Backend Developer) - March 2024 - January 2025
- Developed and designed the frontend of the CDSIMER SLD Screening App for primary school teachers.
 - Contributed to backend development, ensuring seamless data processing and user authentication.
 - Integrated Google Firebase for real-time database management, authentication, and cloud storage.
 - Assisted in deploying the application for live use, enabling early detection of Specific Learning Disabilities (SLD) in children.
- 2) Teltronics (Full-Stack Developer Intern) - July 2023 – September 2023
- Developed an Employee Management System using JavaScript, HTML, and CSS for the frontend.
 - Built CRUD functionalities for adding, updating, searching, and deleting employee profiles.
 - Implemented MongoDB for efficient data storage and retrieval.
 - Designed and optimized database schemasfor employee records and access management.

Projects

- 1) CausalAI-Repurpose: Causal GNN for Drug Repurposing
- Developed a causal graph neural network (GNN) integrating DrugBank, DisGeNET, KEGG, and STRING data to model drug-disease-pathway interactions for repurposing FDA-approved drugs.
 - Implemented causal attention and counterfactual reasoning using Granger causality and do-calculus to reduce confounding and enable interpretable predictions.
 - Achieved 12–18% AUC-ROC improvement over state-of-the-art models (DeepDR, Decagon) in identifying Alzheimer’s drug candidates with validated biological mechanisms.
- 2) KAWACHH – Health Data Information & Management System (HDIMS), SIH 2024 – Finalist | Govt. of NCT of Delhi
- Built a scalable mobile app for hospitals to log and monitor health scheme data in real time, aiding decision-making across administrative levels.
 - Added AI-powered features: KPI dashboards, RAG-based alerts, and automated policy insights to boost transparency and efficiency.
 - Delivered a cloud-based, mobile-first platform with real-time admin tracking and public health data visibility.

Skills

Technical Skills:	InterpersonalSkills:	Awareness Skills:
<ul style="list-style-type: none">Python ProgrammingHTML, CSS, JavaScriptKotlin, Flutter & Java	<ul style="list-style-type: none">Leadershipand TeamworkCommunication SkillsCross-Cultural Competence	<ul style="list-style-type: none">AdaptabilityTime ManagementDecision Making

Certifications/Courses

- Introduction To Python Programming, Coursera.
- Introduction To Front-End Development, Coursera.
- Developing Android APP WithKotlin, Udacity.

Interest and extra-curricular activities

- Tata ClassEdge Award.
- Winner Of Smart India Hackathon 2024 Edition.
- 2nd Position In School Art And Craft Competition.