

CHIRAG

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SUMMARY

Highly motivated IIT student majoring in Computer Science (CSE) with a passion for leveraging technology to solve real-world challenges. Equipped with a diverse skill set and proven track record in problem-solving and software development, including proficiency in Data Structures and Algorithms with over 850 problems solved on platforms like Codechef. Holds certifications as a Certified DATA Science, Certified Machine learning (Intermediate), Certified Python Developer (Advanced), Certified Frontend Web Developer (Advanced), and more. Experienced in mobile app development, web development, database management, Linux Terminal, JavaScript, and Arduino programming. Actively participated and achieved grand finalist positions in programming competitions and hackathons. Seeking internships and opportunities to apply expertise, collaborate with industry professionals, and contribute to cutting-edge projects.

EDUCATION

	2023-2026
Indian Institute of Technology, Patna	
Bachelor's in Computer Science and Engineering	
European Open University, Europe	2024
Diploma in Software Engineering	

EXPERIENCE

The Bharat Intern Data Science Intern | Remote

- I had contributed to the live working website and android application of the organisation.
- Worked with the team to provide several solutions to the existing website and app's vulnerability and loopholes.
- Learned and worked on the several new tools and gained several new skills.
- EDA Project

NIT Hamirpur Data Science Intern | Remote

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- EDA Project • Random and Linear Data Analysis.

SKILLS

Languages	Python, C/C++, HTML3 , CSS, JS, Rust
DATA SCI.	Statics and probability , Data wrangling and database management, Machine learning and deep learning, Data visualization, Cloud Computing
Other Skills	Web Development, Android App Development, Arduino Programming, Python Application Development, UI/UX Designing, Video Editing, Graphic Designing.

OS Used	Windows, Kali Linux, Ubuntu, Linux Mint, Linux Cardamom.
Other IDE and Tools	VS Code, Eclipse, Arduino IDE, Git/Github, Bash terminal, IntelliJ, Notepad++, Pycharm, Anaconda Navigator, Android Studio, Dev C++

Certificates

Foundation of Prompt Engineering	AWS
Marketing and Retail Analytics	Great learning
Intro to Graphic Design	Great learning
Project Management	Great learning
Intro to Amazon Athena	AWS
Amazon Open Space Service	AWS
Full stack Web Development	Great learning
Arduino Programming	Skillarena
Services Analysis	AWS
UI/UX Design	Great learning

Competitions and Projects

NIBUS, NIT Hamirpur	Automobile Modification by
<p>Hamirpur, India</p> <ul style="list-style-type: none"> Achieved Grand Finalist status in prestigious hackathon, demonstrating exceptional skills and innovation. Ranked as 2nd Runner out of numerous participants, showcasing proficiency and competitiveness in a high-pressure environment. Ranked top class by ISRO Judge. Developed an educational website leveraging advanced machine learning algorithms to categorize and organize web content effectively. Utilized cutting-edge ML libraries to analyze and categorize vast amounts of educational material available online. Implemented Intel ONEAPI Libraries to enhance the efficiency of content exploration, minimizing students' time spent searching for relevant information. Designed a user-friendly interface for easy navigation and access to bifurcated content based on specific academic needs and preferences. Incorporated intelligent recommendation systems to suggest personalized learning pathways tailored to individual student interests and learning styles. Ensured the quality and reliability of curated content by integrating robust filtering mechanisms and content validation processes. Empowered students to optimize their learning journey by providing them with access to the most relevant and high-quality educational resources available on the web. 	

- Secured third runner-up position among top 10 finalists.
- Demonstrated exceptional talent and dedication, earning recognition.
- Developed a robust fake news detection system leveraging a combination of AI and ML libraries.
- Implemented NLP techniques for text analysis and ML algorithms for classification tasks.
- Utilized web scraping tools to gather diverse data sources, including both credible and unreliable news sources.
- Employed advanced preprocessing techniques to clean and normalize text data.
- Designed an intuitive user interface for easy input of news articles, enabling users to quickly assess the credibility of information.

Byte Verse , NIT PATNA
Patna, India

EDA project

- Achieved the esteemed 7th position in the finals of the innovation projects.
- Demonstrated remarkable creativity, ingenuity, and execution in the project, earning commendation.
- Implementation of cutting-edge machine learning algorithms using advanced ML libraries to personalize learning experiences for students with dyslexia.
- Integration of Intel ONEAPI libraries to optimize performance and enhance computational capabilities, ensuring smooth functionality and efficient resource utilization.
- Development of interactive 3D models to facilitate visual learning and improve comprehension of complex concepts, catering to the diverse needs of dyslexic learners.
- Creation of a JavaScript extension to provide customizable tools and features, empowering users to adapt the learning environment according to their preferences and requirements..
- Inclusion of specialist contact information within the platform, enabling direct access to expert support and guidance for students, parents, and educators navigating the challenges of dyslexia.

Makeathon , American Express
Remote

Data Management system

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HackHound, SRM Gaziabad
Delhi, India

Education Percentage System

- Secured last round finalists.
- Demonstrated exceptional talent and dedication, earning recognition.
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Designed an intuitive user interface for easy input of news articles, enabling users to quickly assess the credibility of information

- Secured position in top 10 finalists.
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Hack with Uttarakhand, THDC, Tehri Tehri, India

Deaf and Dumb Elearning Platform

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Languages

English	Professional proficiency
Hindi	Native proficiency
Punjabi	Native proficiency
Haryanvi	Native proficiency
Japanese	Intermediate proficiency

Volunteering

Coordinating the Bug Hunting event at the Institute's TechFest was both enjoyable and fulfilling. With thorough preparation in management and teamwork, my colleague and I executed the event seamlessly, ensuring its smooth operation within the allotted time. I with my team mate generated scripts and managed the event very well with complete success of the event.

College Clubs Created Coding and development clubs created in institute.