



DEVPRAKASH BISOI

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EXPERIENCE

Company and Role	Work Done	Duration
Associate Consultant, EY India	<ul style="list-style-type: none">Developed an AI-driven bot leveraging KM3 and GPT-4 to analyse cybersecurity audit reports, enabling informed decision-making on the viability of SaaS applications. Monitored performance and accuracy by gathering user feedback and interaction data, and iteratively fine-tuned the model to enhance response quality and relevance.Modified the code for bots in .NET so that they can process excel Files and process them to generate reports in SharePoint. Also, I worked on creating web jobs to host these bots.Created Logic and Function apps in Azure for report generation via bots and tested them to see if they are generating proper reports triggered via email.Using C#, I've worked on dashboard development for multiple regions, retrieving data from Azure SQL and performing data cleaning in both Excel sheets and SQL to remove inconsistencies hindering application performance. I tested the functionalities to ensure they were working properly and deployed them.	July 2023- Present
Intern, Bernoullium	<ul style="list-style-type: none">Conducted platform analysis to identify and evaluate virtual world building platforms, gaining insights into industry dynamics and cost-benefit analysis.	December 2022- June 2023

	<ul style="list-style-type: none"> • <i>Researched and assessed VR gear for work meetings, developing expertise in processors, Wi-Fi protocols, and global availability to make informed decisions.</i> • <i>Created a comprehensive test plan for a network sizing tool, optimizing data flow and minimizing lag in virtual meetings using Wireshark and protocol analysis.</i> • <i>Explored the applications of VR for businesses and mobile device management software, highlighting the impact of technological advancements across industries.</i> 	
Intern, Netcon Technologies India Private Limited	<ul style="list-style-type: none"> • <i>Worked on an application that utilizes knowledge graphs to retrieve information from uploaded documents.</i> 	January 2023- June 2023
Project Intern, Altimetrik	<ul style="list-style-type: none"> • <i>Created a secure system that stores and retrieves background details of a candidate using blockchain.</i> 	June 2022- August 2022
Intern, Cloudbyz	<ul style="list-style-type: none"> • <i>Worked on different modules in Trailhead.</i> 	June 2022- August 2022
Intern, Kritikal Solutions	<ul style="list-style-type: none"> • <i>Created a liveness detection model using Python to verify the authenticity of real-time user images.</i> 	June 2021- July 2021

EDUCATION

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| • IIHT Bangalore | November 2023- February 2024 |
| • PES University Bangalore | August 2019- May 2023 |
| B. Tech in Computer Science and Specialization in Machine intelligence and Data Science. | |
| • Sri Chaitanya PU college | June 2017- May 2019 |

PROJECTS

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- **Document forgery detection using image processing:**
An application that uses multiple models to analyse if the image of a document is forged or not.

- **EasyRental- DBMS based laptop rental portal:**
An end-to-end database focused whose objective is to enable customers to rent laptops easily-PSQL, Python.
- **Placement analysis using R:**
The aim of the project was to find all the factors that affected the placement opportunities of a student using the placement dataset of a university.
- **Cars+(Website):**
A web application that enables the user to buy/rent cars-React.js, mongo DB.
- **Smart Stick:**
A dual sensor device that can help visually impaired people to walk better.

TECHNICAL SKILLS

- **Languages:** Python, C, R, SQL, ReactJS, HTML, CSS, C#, PHP, Go
- **Cloud:** Azure, AWS
- **Technical Skills:** Machine Learning, Data Analytics, Information Retrieval, Data Science, Data Structures
- **Developer Tools:** Git, Docker, VS Code, MongoDB, PostgreSQL, Linux Systems, NetBeans, Heroku, Power BI

PUBLICATIONS

- Document Forgery Detection, International Journal of Engineering and Advanced Technology, June 30, 2023

ACTIVITIES / ACHIEVEMENTS

- Obtained the ABBYY Business Analyst Certificate
- Completed **Data science Specialization course in E&ICT IIT Roorkee**, India.
- Completed **Data science and ethical hacking courses in Internshala**. (Was a top performer in the ethical hacking course)
- Participated in ML beginner track, Google.
- Actively involved in social work.
- Runner up in state level karate championship, Black belt.
- Participated in interhouse basketball competition.