

Kanhaiya Kumar

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SKILLS

- **Languages:** Python, Java, C++
- **Frameworks:** HTML and CSS, Bootstrap, NodeJS
- **Developer Tools:** GitHub, VS Code
- **Tools/Platforms:** Wireshark, FTK Imager, AWS, MySQL, Excel, Power BI
- **Soft Skills:** Analytical Thinking, Problem-Solving, Team Collaboration, Project Management, Adaptability

PROJECTS

HR Analytics Dashboard | Power BI | [Github](#)

Sep2024 – Dec 2024

- Designed and developed an interactive HR Analytics Dashboard using Power BI to visualize key human resources metrics, enabling data-driven decision-making for workforce management
- Integrated and transformed raw HR data to analyze trends in employee attrition, department-wise performance, hiring patterns, diversity, and workforce demographics.
- Provided actionable insights into HR operations, helping organizations identify critical areas such as retention risks, talent acquisition efficiency, and diversity balance, ultimately supporting strategic planning and organizational growth.

Today Planner | HTML, CSS, JS | [Github](#)

June2024-Sep2024

- Developed a responsive Today Planner web application using HTML and CSS to help users efficiently organize daily tasks and schedules.
- Designed a clean, user-friendly interface with structured time blocks, priority labels, and visual cues for task management. Supported healthcare authorities in forecasting potential outbreaks, preparing medical infrastructure.
- Provided an intuitive platform for users to plan, view, and manage daily activities, promoting productivity and time management through a simple yet effective layout.

CERTIFICATES

- Algorithms On Strings | [Coursera](#) Nov2024
- Dynamic Programming, Greedy Algorithms [Coursera](#) Nov2024
- TrustWorthy Generative AI | [Coursera](#) May2024
- ChatGPT Advanced Data Analysis | [Coursera](#) Feb2023
- Introduction To CyberSecurity Essentials | [Coursera](#) Jan2022

TRAININGS

eBOX

July2023 - Aug2024

- Specialized in Java through the eBOX Summer Training (Aug 2023), following a structured curriculum that covered , core java computer science subjects, aptitude, reasoning, and low-level design.
- Practiced and applied problem-solving skills by completing 150+ hours of expert-led video lectures, solving 150+ coding problems with video editorials, answering 500+ multiple-choice questions, and participating in 50+ full contests to simulate real-world software development challenges.

PrintSaathi

Jan2023 - Feb2024

- Improved UI/UX by implementing a modern, responsive design for a seamless user experience.
- Optimized website performance by reducing render time, lazy loading components, and minimizing re-renders.
- Enhanced application performance, improved records load time, and increased overall efficiency by implementing.

ACHIEVEMENTS

INFINEON HACKATHON

Feb2025

- Engineered an Efficient Data Handling System leveraging advanced data structures to enable seamless storage, retrieval, and manipulation of complex data models.
- Implemented High-Performance Query Processing, achieving scalability and speed by integrating cutting-edge computational techniques.

EDUCATION

- **Lovely Professional University**
Bachelor of Technology - Computer Science and Engineering; **CGPA: 6.1**
Phagwara, India
Since August 2022
- **Ganesh Dutt College**
Intermediate; **Percentage: 75%**
Begusarai, Bihar
April 2019 – July 2021
- **BS High School**
Matriculation; **Percentage: 78%**
Begusarai, Bihar
April 2018 – Mar 2019