

Shivraj Anand
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"Highly motivated and results-oriented engineering student with expertise in programming, data analysis, and research. Adept at applying computational and analytical skills to solve real-world challenges and develop innovative solutions in technology-driven domains."

PERSONAL DETAILS

D.O.B: 2nd October 2002

Nationality: Indian

Guardian: Smt. Bandana Kumari (Mother)

Gender: Male

City: Madhepura/Patna

EDUCATION

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| B.P Mandal College of Engineering, Madhepura Bachelor of Technology (Computer Science Engineering) CGPA (current) - 8.63 | <i>2021 - 2025</i> |
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| Kendriya Vidyalaya, Jamalpur Higher Secondary Certificate Examination Score - 94.4% (2 nd rank) | <i>2018 - 2020</i> |
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| Kendriya Vidyalaya, Jamalpur Secondary Certificate Examination Score - 90% (2 nd rank) | <i>2017 - 2018</i> |
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WORK EXPERIENCE

1. **Campus ambassador of ISAC, Bangalore at BPMCE Madhepura** *February 2022 – August 2022*
2. **Student Representative – Startup Cell, B.P.M.C.E., Madhepura** *January 2023 - [Present]*
 - As a Startup Cell Coordinator, I educated on government support, organized cross-college events, and lobbied managed events both intra college and inter-college.
 - Got invited in various founder's meet and also many Startup Bihar state level events.
 - Increased student engagement and applications for government programs, boosting entrepreneurship and success rates.
 - Managed social media as the social media handler.
 - Educated students on government support for startups.
 - Organized cross-college events and lobbied to manage events.
 - Increased student engagement and applications for government programs.
 - Managed social media for the Startup Cell.
 - Other skills: Data handler, social media manager, event management, public speaking
3. **Volunteer – Coding Club, B.P.M.C.E., Madhepura** *April 2022 - [Present]*
 - Volunteered at the coding club, teaching coding basics, problem-solving skills, and fostering a passion for technology among members.
 - Organized coding challenges and hackathons, promoting teamwork and skill development.
 - Helped students gain confidence, enhancing their coding proficiency and preparing them for real-world tech challenges.
 - Organized coding challenges and hackathons.
 - Volunteered teaching coding basics and problem-solving skills.
4. **Volunteer, Core committee, Abhyuday, Kosi Division Level Sports Meet, BPMCE, Madhepura**
 - 17 December to 22 December 2023
5. **Volunteer, Core committee, UMANG, Intra College Sports Event, BPMCE, Madhepura**
 - 25 November to 29 November 2024
6. **Internship, Innovate Interns, Data Science and Analytics, 25 November 2024 – 6 January 2025**
 - *Project:* Worked on a project called Chroma Sense, focusing on colour detection.

PROJECTS [[Click to view detail](#)]

1. Library management system in Python (**December 2021**)
2. Responsive chatbot in Python 'My Assistant' (**September 2022**)
3. Machine Learning and Data Analytics on 'Housing Sales Dataset' (**May 2023**)
4. Mathematical and analytical research "Collatz Conjecture" (**ongoing**)
5. Result Analysis and Progress report generator using Python (**Jan 2024**)
6. Developing an NLP application leveraging advanced preprocessing techniques and machine learning models for sentiment analysis. Tools: Python, Scikit-learn, NLTK, Pandas.
7. Chroma Sense: A Data-Driven Approach to Colour Detection and Analysis (**25 November 2024 - 6 January 2025**)
8. Analysis of text data using Transformers & PyTorch. (**ongoing**)

CERTIFICATIONS [[Click to view detail](#)]

1. Certificate of appreciation in **Data Science course**: (17 August 2020 – 4 September 2020)
2. **Techno Workshop Series'23 at IIT PATNA in "Artificial Intelligence"** (January 2023)
3. **C training, spoken tutorial**, 17th January 2023
4. **C++ training, spoken tutorial**, 27th January 2023
5. **Introduction to cybersecurity, Cisco Networking Academy**, 16 April 2023
6. **Machine Learning** Intern Shala Trainings, online (March 2023 – May 2023)
7. **Advanced C++ training, spoken tutorials**, 30th May 2023
8. **Data Structures & Algorithms** Intern Shala Trainings, Online
9. **Programming in C and C++** Intern Shala Trainings, Online
10. **NDG Linux Unhatched Certificate**, Cisco, 21 July 2023
11. **Salesforce Developer Virtual Internship**, Salesforce, January 2024
12. **Python Training, Spoken Tutorial**, 19 February 2024
13. **Introduction to blockchain** webinar by Skill Darpan
14. **Programming, Data Structures & Algorithms using Python** [Jan - Mar 2024]
15. **NPTEL: Database Management System** [July-September, 2024. AIR top2%, 79%]
16. **Java training, spoken tutorial**, 19th February 2024
17. **Digital Productivity** by NIIT Foundation, December 25, 2024
18. **Internship, Innovate Interns**, Data Science and Analytics, 25 November 2024 – 6 January 2025
19. **Intern Shala: Natural Language Processing**: (Ongoing)
20. **Intern Shala: Data Science**: (Ongoing)

AWARDS & ACHIEVEMENTS

1. 2nd rank in Kendriya Vidyalaya in class 10th board exams
2. 2nd rank in Kendriya Vidyalaya in class 12th board exams
3. 3rd rank in district of Mentor's Eduserv Exam (2020)
4. Secured a seat in Prime minister's speech "Pariksha Pe Charcha" - (*January 2019*)
5. Awarded Bronze Medal on event of Engineer's Day to present chatbot model - (September 2022)
6. 3rd prize in Startup Ideathon of BPMCE startup cell, December 23
7. AIR 8532 in GATE'24 CS [First Attempt, Feb 2024]
8. Elite Silver Medal in NPTEL **Programming, Data Structures & Algorithms using Python** [Jan - Mar 2024]
9. 1st rank in 1st and 2nd year of B.Tech. in BRANCH CSE

SKILLS & INTERESTS

1. **Programming Languages**: Python, C, C++
2. **AI/ML Frameworks**: TensorFlow, PyTorch, Scikit-learn
3. **Data Tools**: Pandas, NumPy, Matplotlib, Seaborn, PowerBi, Excel
4. **Soft Skills**: Communication, Public Speaking, Event Management