



Vipin

Mahavir Colony, Hisar, Haryana, India 🏠

+91 9588158894 📞

sainivipin839@gmail.com ✉

<https://www.linkedin.com/in/s-vipin/> in

I am a highly motivated and passionate fresher seeking a challenging opportunity to leverage my skills and experience in a dynamic work environment. With a highly adaptive nature and a strong interest in grasping and exploring new concepts, I find myself well-suited to contribute to and grow within a progressive and evolving organization.

Project Experience

- **BLASTHub — Serverless Sequence Alignment & Analytics Platform.**
Deployed a serverless genomic pipeline on GCP Cloud Run containerizing official NCBI BLAST+ 2.17.0. Developed Next.js batch upload workflows enabling researchers to align up to 100 FASTA files in parallel against pre-indexed reference databases
Built local browser caches using Indexed DB and integrated GCS-based state tokens to allow stateless process cancellation. Integrated Google Drive API for large FASTA streaming, Gemini AI for reporting, and Chart.js for interactive species graphs.

Professional Experience

- **Advisor Team iConnect, PDUIC, GJUST, Hisar**
October 2025 – February 2026
Appointed as the Advisor of team iConnect. Provided guidance to student teams and helped coordinate activities between the center and the student body. Mentored members on professional development and supported the growth of the student team ecosystem.
- **Captain Team iConnect, PDUIC, GJUST, Hisar**
February 2024 – September 2025
Appointed as the Captain of team iConnect. Managed core team operations, coordinated high-impact events, and served as the primary liaison between student innovators and the incubation center. Focused on building a collaborative environment.
- **Site Manager at iConnect, PDUIC, GJUST, Hisar**
November 2023 – February 2024
This role requires effective management of logistics and technical support during the event, utilizing a structured framework to ensure smooth operations. Additionally, coordinated various aspects of the event to ensure everything runs seamlessly according to plan.
- **Joint-Department Placement Coordinator**
(Department of Biotechnology GJUST, Hisar)
(Joint - DPC) August 2023 – April 2024
- **Class Placement Coordinator**
(CPC) August 2022 – August 2023

Training & Internship

- **One-Month hands-on Training Program (LUVAS, Hisar)**
July 8th to August 7th, 2024
At Department of Animal Biotechnology, College of Veterinary Sciences, LUVAS, Hisar on "Peptide Synthesis, Nanoparticles Synthesis, and Characterization"
- **6-week hands-on Internship cum Training Program**
(HCM Agro Products Pvt. Ltd, Sampla, Rohtak)
June 11th to July 25th, 2025
Gained hands-on experience in isolation, cultivation, and application of arbuscular mycorrhizal fungi (AMF) and in vitro root organ culture techniques for sustainable agriculture and bio-inoculant production.
- **Laboratory Intern**
14th to 29th June 2024 (Dr.Lal PathLabs., Jindal Hospital, Hisar)
1st to 20th September 2023 (Laboratory at a hospital)
During my internship at a hospital laboratory, I gained hands-on experience in handling lab equipment such as pipettes and sample collection, while also learning about various tests conducted by laboratory machines.

Education

- **GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR, HARYANA (125001)**
 - Master of Science in Biotechnology 2024-2026 (pursuing)
 - Bachelor of Science in Biotechnology 2021-2024
- **ST. KABIR'S SCHOOL, HISAR, HARYANA (ICSE)**
 - Senior Secondary passed out in 2021
 - Secondary School passed out in 2019

Leadership & Management

- **Supervising Coordinator At 65th International Conference of AMI**
November 14th – 17th, 2024
As the Supervising Coordinator for the 65th International Conference of the Association of Microbiologists of India (AMI), titled "Perspective of Microbes for Human Welfare", I played a key role in overseeing the event's organization and execution. Held at Guru Jambheshwar University of Science and Technology, Hisar, the conference brought together leading experts in microbiology. My responsibilities included managing event logistics, coordinating with participants and speakers, and ensuring the seamless execution of technical sessions and activities and supervising a team of 200 volunteers.
- **Site Manager: 1st Tech fest of GJUST**
February 2024 – 7th to 9th February
I was assigned with the duty of managing the ongoing things during the fest time and handling the smooth education of the events under the fest Konark: The Chariot of Innovation the 1st tech fest of GJUST Hisar.
- **Coordinator: Campus Recruitment Training Program**
August 2023 – 25th to 28th August
April 2023 – 13th to 16th April
Coordinated a soft skill training program which was organized by Training and Placement cell of our university with Barclays 's in association with Global Talent Tracks (GTT) August session and Rubicon Skill Development April session
- **Volunteer: Mega Mock Placement Drive**
September 2022 – 12th to 17th September
Volunteered in Mega Mock Placement Drive Organized at our university, GJUST, Hisar.

Hobbies and Interest

- Passionate about computers, technology, and exploring emerging technology trends.
- Enjoy cooking and experimenting with new recipes.
- Enthusiastic about playing storyline-based computer games.
- Keen on continuous learning and personal development.
- Interested in documenting scientific developments and laboratory innovations.
- Proactive in networking and collaborating with remote startup communities

Technical and soft Skills

- Effective workplace, team management and Adaptive nature.
- Proficient in computer hardware and software troubleshooting.
- Knowledge of various printing techniques.
- Skilled in video editing, photography, and videography.
- Strong verbal and written communication skills.
- Experienced in content creation for digital platforms.
- Proficient in Microsoft Office (Word, Excel, PowerPoint, etc.)
- Competent in database management and handling.
- Proficient in leveraging AI tools for productivity and research.
- Strong drafting and writing skills using AI and other digital tools.

Laboratory Skills

- Skilled in microscopy, spectrophotometry, and centrifugation.
- Experienced in gel electrophoresis and pipetting.
- Proficient in microorganism isolation, streak plating, and bacterial culturing.
- Capable of handling, operating, and maintaining various laboratory equipment
- Scientific data handling and record maintenance.
- Searching & Retrieving Information from Bioinformatics Databases.

Certificates and Achievements

- Campus Ambassador Letter of Recommendation 2024, Tryst'24 is IIT Delhi's annual technical festival.
- Attended **The Non-Violence Project** Foundation's education program. Schools For Peace - Level One
- **The Green Olympiad** organized by TERI - The Energy and Resources Institute
- Achievement Certificate **General Knowledge Olympiad** organized by Silver Zone.
- Certificate of Participation in **25th Hisar Distt. Chess Championship** THE HARYANA CHESS ASSOCIATION
- Certificate of **participation in Cyclothon** organized in our city by Hisar Roadies: The cycling club. Completed 25 km in 1 hr.
- **ONLINE SUMMER INTERNSHIP 2022 by Biosetup Lifesciences**"statistical and computational analysis of biological data and the trends in plant cultivational techniques".
- Certificate of Appreciation for being the **TRAINER for 2-Days Soft Skill Training Workshop "PRAGYAN"** held by Udbhavana Club of Training & Placement Cell, GJUS&T, Hisar on 7th-8th Oct 2023.
- Certificate of Appreciation for Completing the **Barclays Life Skills Programme conducted by the Global Talent Track (GTT) foundation**. The program took place from Aug 25th to Aug 28th, 2023, at GJUS&T, Hisar by T&P Cell.
- **Certificate of Appreciation** for successfully completing a **Online summer research internship** at CropSync Pvt Limited. The program focused on writing and publishing research papers, with an emphasis on sustainable agricultural practices and microbial biofertilizers