

Abhay Nath

Charotar University of Science and
Technology (CHARUSAT), Anand,
Gujarat
Bachelor of Technology (B.Tech),
Information Technology (2021-2025)
21dit040@charusat.edu.in
+91 XXXXXXXXX40

Basirhat Town High School (HS), Kolkata,
West Bengal
Higher Secondary, Pure Science (Math,
Physics, Chemistry, Biology)
Head of AI & ML @CLUMOSS
AI & ML Core Member @Club Gamma
[linkedin.com/in/abhaynath001](https://www.linkedin.com/in/abhaynath001)

EDUCATION

B. Tech., Information Technology, Charotar University of Science and Technology, Changa, India. Oct 2021 – May 2025.

Higher Secondary, Pure Science (Math, Physics, Chemistry, Biology), Basirhat Town High School (HS), Kolkata, India. Feb 2020 – Mar 2021.

WORK EXPERIENCE

- AI/ML Core Team Member – Club Gamma, Changa, India. Oct 2023 – Present.
 - Excited to join Club Gamma's AI/ML Team! We're on a mission to explore the cutting edge of Artificial Intelligence and Machine Learning, pushing the boundaries of technology together.
- Smart India Hackathon 2023 – India. Sep 2023 – Dec 2023.
 - Project Title: Identification of Different Medicinal Plants/Raw materials through Using Machine Learning Algorithms.
 - Project ID: 1343
- Head of AI & ML Domain – CLUMOSS, Vadodara, India. Aug 2023 – Sep 2023.
 - CLUMOSS, a parent IT company, nurtures and develops over 10 businesses while providing free training to college students worldwide, preparing them for the future. As the Head of AI & ML, I'm proud to contribute to this global initiative, offering valuable experiences to students and delivering diverse services across domains through technology.
- CHARUSAT Hackathon – Abhiyanta CHARUSAT, Changa, India. Aug 2023 – Aug 2023.
 - Full Stack Web Development Hackathon. We developed WhatsApp Clone. Team Name: The Boys, Leader: Abhay Nath, Members: Anand Parmar, Dev Patel
- Summer Internship – CodSoft, Kolkata, India. Aug 2023 – Aug 2023.
 - I completed a summer internship at CodSoft in Data Science, where I implemented projects such as Titanic Survival Prediction, IRIS Flower Classification, and Sales Prediction using Python.

- Representative of Sweden – Abhiyanta CHARUSAT, Changa, India. Jul 2023 – Jul 2023.
 - I was the Representative of Sweden. I was represent how Sweden work to make a better world with other developed and developing countries.
- Summer Internship – CodeClause, Pune, India. Jul 2023 – Jul 2023.
 - I completed a summer internship at CodeClause in Data Science, where I implemented projects such as Breast Cancer Classification, Credit Card Fraud Detection, Movie Recommendation system and Sales Analysis.
- Summer Internship – OASIS Infobyte, New Delhi, India. May 2023 – May 2023.
 - I completed a summer internship at Oasis Infobyte in Web Development and Design, where I implemented projects such as Landing Page, Personalize Portfolio and Temperature Converter.

PROJECTS / TECHNOLOGIES DEVELOPED

- RUDRA - India's Own Artificial Intelligence: a project unveiling India's AI-powered virtual voice assistant. RUDRA, short for Responsive, Unsupervised, Data-driven, Researchable, and Assistant, has gained widespread acclaim, becoming viral on platforms like LinkedIn and attracting attention from international startups in the USA, Canada, Bangladesh and Saudi Arabia. It has also garnered interest from colleges across India, spanning Punjab, Kerala, Hyderabad, and Assam. RUDRA's success has not only brought recognition but also opened doors for my research opportunities in AI. Achieving 1st positions in various competitions further solidifies its leadership in the AI domain. Celebal Technologies from Jaipur expressed interest in this project, reaching out to our university's Training and Placement Cell with an offer for placement while I was in my early third year of B.Tech, highlighting its significant impact and potential in the AI landscape. Project Link: <https://lnkd.in/dGSjZh-y>
- Anti-Cancer Drug Discovery by Artificial Intelligence. Pioneering the future of cancer research, my AI model seamlessly integrates advanced algorithms and interactive visualizations to accelerate the discovery of anti-cancer drugs, offering a transformative approach to precision medicine.
- Medicinal Plant Identification using Machine Learning (Android Application). Identification of Different Medicinal Plants/Raw materials through Using Machine Learning Algorithms. Associated with Smart India Hackathon 2023.
- Portfolio Website. Project Link: <https://abhaynath001.github.io/AbhayNath001/>

PUBLICATIONS

1. **Abhay Nath**, Ruma Sarkar, Chintal Raval, Anti Cancer Drug Discovery using SMILES in Artificial Intelligence.

2. **Abhay Nath**, Chintal Raval, Advancements in Generative Artificial Intelligence for India's Technological Landscape.
3. **Abhay Nath**, Sachin Patel, Multi-Year Calendar: Single-Paper Calendar for One Lack Years.

HONOURS & AWARDS

- Winner of Project Exhibition Issued by Devang Patel Institute of Advanced Technology and Research. I won the project exhibition with my AI project, RUDRA. Sep 2023.
- 1st Division, Distinction in All India Art & Culture Issued by Akhil Bhartiya Sangeet Sanskriti Samsad. Aug 2015.

INVITED TALKS / LECTURES

- Generative AI from Scratch. Keynote. Charotar University of Science and Technology, Gujarat. February 09, 2024.
- Generative AI RUDRA Project Explanation from Scratch. Keynote. Baba Farid College of Engineering and Technology, Punjab. September 17, 2023.
- GitHub Contribution Practically. Keynote. Devang Patel Institute of Advanced Technology and Research, Gujarat. September 11, 2023.

VOLUNTEERING

- ONDC Kolkata Meet-up, Department of Information Technology & Electronics, Government of West Bengal (Jan 2024)
 - Engaged as a presenter at the ONDC Kolkata Meet-up organized by the Department of Information Technology & Electronics, Government of West Bengal. Shared insights on the Open Network for Digital Commerce (ONDC) initiative, including its purpose, development process, and future prospects, with fellow developers and attendees. Presented the roadmap for ONDC development, discussing key features, technological aspects, and potential impacts on the digital commerce landscape.
- Medical Assistant, Vidya Bharti (Jan 2021)
 - Invited as a Medical Assistant in a free health checkup event organized in Kolkata. Provided support in organizing and facilitating health checkups for all residents of the Kolkata locality.

CERTIFICATIONS

- ISRO Certified: Geodata Processing using Python (Jan 2024)
- Google Analytics Certification (Nov 2023 - Nov 2024)
- IIT Roorkee Certified: Workshop on Web Development (Nov 2023)
- Baba Farid College of Engineering and Technology Issued: Talk on my Generative AI Project RUDRA (Sep 2023)
- CodSoft Certified: Data Science Internship (Aug 2023)

- AWS Certified: Frontend Web Development with React JS and JavaScript (Jul 2023)
- AWS Certified: Python and Artificial Intelligence (Jul 2023)
- CodeClause Certified: Data Science Certificate (Jul 2023)
- GDSC Certified: Frontend Web Development with React JS and JavaScript (Jul 2023)
- GDSC Certified: Python and Artificial Intelligence (Jul 2023)
- Microsoft Certified: Azure Fundamentals AZ-900 (Jul 2023)
- Microsoft Certified: Frontend Web Development with React JS and JavaScript (Jul 2023)
- Microsoft Certified: Python and Artificial Intelligence (Jul 2023)
- Mock United Nations, ABHIYANTA CHARUSAT (Jul 2023)
- LinkedIn Marketing Solutions Fundamentals (Jun 2023 - Jun 2025)
- Oasis Infobyte Certified: Web Development and Design Internship (May 2023)