Ankur Narayan Singh

Roll No.: 2102045
B.Tech
Electrical Engineering
National Institute Of Technology, Patna

📞 +91-7488727701
✉ ankurwalker2732@gmail.com
✉ ankurs.ug21.ee@nitp.ac.in
 ankur-nitp45
 ankur-narayan-singh-927596220

EDUCATION

•National Institute Of Technology   *2021-2025*
Bachelor Of Technology in Electrical Engineering   CGPA: 8.51

•H.D. Jain Collage, Ara   *2020*
Bihar School Examination Board, Bihar   Percentage: 80

•Utkramit Middle School Tarari   *2018*
Bihar School Examination Board, Bihar   Percentage: 88.4

EXPERIENCE

•South Bihar Power Distribution Company Limited   *1 Jun 2023 - 6 Jul 2023*
Summer Trainee   Ara
  − Learn and understood how 33/11KV power substations operates.
  − Learn about various equipment such as transformers, circuit breakers, isolators, relays, Lightning Arrester etc.
  − Gained knowledge about the entire process of stable electricity distribution from substations to consumers.

PROJECTS

•ManageMate | [Link](#)
This application streamlines efficient employee management using core java.
  − Tools & technologies used: Java, MySQL, Swing, AWT, JDBC, IntelliJ IDEA
  − It is made entirely using core Java, AWT, and Swing, and is connected to a database using MySQL.

•Personal Portfolio
Discover My Work: A Personal Portfolio.
  − Tools & technologies used: HTML, CSS, JavaScript, React JS, Express JS, VS Code.
  − I created a website to showcase my coding skills and projects. It's like a digital resume where I introduce myself and highlight my strengths.

•Smart Drip Irrigation and Disease Detection   *April, 2024*
Made a minor project that utilizes smart technology to enhance crop efficiency and reduce water waste   Patna
  − I collaborated on the **Smart Irrigation and Disease Detection** project under Professor **Dr. Ruchi Agarwal's** supervision. We focused on enhancing crop efficiency and disease detection using Node MCU ESP8266, soil moisture sensors, machine learning, IFTTT, and water pumps to improve irrigation.

TECHNICAL SKILLS AND INTERESTS

Languages/Frameworks: Java, Oops, SQL, HTML, CSS, JavaScript, Arduino Programming, ReactJS, ExpressJS.
Soft Skills: Leadership, Teamwork, Decision-Making, Management, Communication.
Developer Tools: VS Code, IntelliJ IDEA, Git/GitHub, Postman, Arduino IDE.
Coursework: Automatic Street Light, Smart Irrigation System.
Areas of Interest: Software Development, Web Development, DSA.
Others: Robotics, Graphic Design, Chess.

POSITIONS OF RESPONSIBILITY

•Project Management Coordinator : Robotics Club NIT Patna   *Aug 2023 - Present*

•Management Member : IEEE Club NIT Patna   *Jun 2023 - Present*

•Member : NSS-Sankalp Unit   *Jun 2023 - Present*

ACHIEVEMENTS

•Minor Project: Got funded by **Bihar Council on Science and Technology** worth **250K** on Smart Irrigation idea.

•TCF'23 Robotics Events: Won **15K** in Robowar and 2nd Runner up in The Next Hokage (Roborace).

•CodeForces: Pupil at Codeforces (**Max rating = 1271**).   *Profile*

•Leetcode: Knight at Leetcode and solved over **500+** questions (**Max rating = 1861**).   *Profile*

•CodeChef: 3-Star on Codechef (**Max rating=1632**) and got global rank 130 in Starters 130.   *Profile*