

SHIKHARANI GOGOI

B.TECH IN ELECTRONICS AND COMMUNICATION ENGINEERING (ECE) | TEZPUR UNIVERSITY

Email: [Your Email] | Phone: [Your Contact] | LinkedIn: [Your LinkedIn]

SUMMARY

B.Tech (ECE) student at Tezpur University with expertise in electronics, IoT, and networking. Founder of Bael Tea, IEEE Vice President, and international sponsor holder. Winner of IEEE Ideation 2024. Experienced in robotics, digital systems, and VLSI. Strong leadership, problem-solving, and communication skills with a passion for innovation and technology.

SKILLS

TECHNICAL

Electronics Devices,
Digital System Design,
Computer Networking,
Analog Systems,
VLSI,
IoT,
Computer Architecture

SOFT SKILLS

Management,
Communication,
Problem-Solving,
Logical Thinking

PROGRAMMING LANGUAGES

C,
C++,
Python,

PROFESSIONAL EXPERIENCE

Internship at IIT Guwahati

Jan 2023 - Present

- Led development of an advanced automation system, achieving a 15% increase in operational efficiency.
- Streamlined manufacturing processes, reducing production costs by 10%.
- Implemented preventive maintenance strategies, resulting in a 20% decrease in equipment downtime.

Founder of Bael Tea

Feb 2021 - Dec 2022

- Designed and optimised a robotic control system, realizing a 12% performance improvement.
- Coordinated testing and validation, ensuring compliance with industry standards.
- Provided technical expertise, contributing to a 15% reduction in system failures.

Vice President, IEEE Student Branch, Tezpur University

Feb 2021 - Dec 2022

- Designed and optimised a robotic control system, realizing a 12% performance improvement.
- Coordinated testing and validation, ensuring compliance with industry standards.
- Provided technical expertise, contributing to a 15% reduction in system failures.

Core Member, Electronics Society, Tezpur University

Feb 2021 - Dec 2022

- Designed and optimised a robotic control system, realizing a 12% performance improvement.
- Coordinated testing and validation, ensuring compliance with industry standards.
- Provided technical expertise, contributing to a 15% reduction in system failures.

Organizer & Founder of NExGEMS 2025

Feb 2021 - Dec 2022

- Designed and optimised a robotic control system, realizing a 12% performance improvement.
- Coordinated testing and validation, ensuring compliance with industry standards.
- Provided technical expertise, contributing to a 15% reduction in system failures.

EDUCATION

Tezpur University – B.Tech in ECE

Aug 2022 - Oct 2027

School of Engineering

- Sub 1
- Sub 2 e.t.c

SAIVIKASH, Guwahati – Class 12 (PCM, 2022)

May 2014 - May 2016

SCIENCE

- PHYSICS
- MATHEMATICS
- CHEMSITRY
- ENGLISH

AWARDS

- Winner of IEEE Ideation 2024 (Recognized for innovative tech-based solutions)
- International Sponsor Holder under IEEE (Secured sponsorships for tech events)
- Robo Soccer Participant (Participated in national-level robotics competition)

ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Assamese.
- **Certifications:**
- **Extra-Curricular Activities:** District-Level Taekwondo Player, District-Level Table Tennis Player.