



SABYASACHI BOSE

ECE Student at Asansol Engineering College (2022-2026)

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PROFESSIONAL SUMMARY

B.Tech ECE student (2022–2026) with strong foundation in DSA and proficiency in C++, Java, Python. Skilled in full-stack development with React.js, Node.js. Eager to contribute to innovative software projects.

TECHNICAL SKILLS

- Frontend: React.js, Next.js, HTML5, CSS3, JavaScript
- Backend: Node.js, Express.js
- Programming: C++, Python, JavaScript (ES6+)
- Tools: Git, GitHub, npm, CAD tools
- Languages: English, Hindi, Bengali (Native)

EDUCATION

B.Tech in Electronics and Communication Engineering	2022-2026
Asansol Engineering College, Asansol	CGPA: 6.81
Higher Secondary Education	2019-2021
Ushagram Boys High School	Percentage: 86.6%
Secondary Education	2010-2019
Asansol Ramakrishna Mission High School	Percentage: 88.71%

KEY ACHIEVEMENTS

3D Model Designing — E-waste Robot Project	June 2023 - Dec 2023
<ul style="list-style-type: none">• Designed 3D model for e-waste collecting robot using CAD tools• Collaborated with team to optimize robot structure for efficiency	
Fire Alarm System — Hardware Competition	Jan 2024 - Mar 2024
<ul style="list-style-type: none">• Developed functional fire alarm using temperature and smoke sensors• Integrated buzzer and LED indicators for real-time alerts	

PROJECTS

Fresh Product Advertising Website
React.js, TailwindCSS
<ul style="list-style-type: none">• Built responsive advertising website with modern UI and animations• GitHub Repository
Solar Energy Production Analysis
Linear Regression, Random Forest, Batch Gradient Descent
<ul style="list-style-type: none">• Built ML model to analyze spatial and temporal trends in solar energy• GitHub Repository
Portfolio Website
React.js, TailwindCSS
<ul style="list-style-type: none">• Personal portfolio with server-side rendering and responsive design• GitHub Repository