

ARNAB MONDAL

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Education

Pailan College of Management & Technology, India | 2021 - 2024

Electronics And Communication Engineering | CGPA: 8.26

South Calcutta polytechnic, India | 2019 - 2021

Electronics and Telecommunication Engineering (Diploma) | CGPA : 8.5

Experience

Automation Engineer | Tata Electronics Private Limited | Bangalore (Dec,24 - Current)

- Manage and maintain robotic systems to optimize mobile phone production, improving efficiency by 30%.
- Implement preventive maintenance to reduce downtime by 25% and enhance system performance.
- Resolve technical issues, ensuring smooth operations and reducing system errors by 15%.
- Collaborate with cross-functional teams to integrate automation solutions, increasing accuracy and throughput by 20%.
- Train 50+ technicians on the safe use of robotic equipment, ensuring compliance and operational safety.
- Drive continuous improvement initiatives, boosting productivity by 20% and minimizing downtime by 15%.

Netscribes Data & Insights Private Limited | Consultant | Kolkata (Apr,24 – Nov,24)

- Led process re-engineering to streamline service processes, reduce paperwork by 75%, and improve communication across 10 departments.
- Resolved intent ambiguity and ensured context preservation to improve customer service.
- Redefine customer service through AI-driven improvements.

Skills

- **Basic office tools** – Excel, PowerPoint, Google Sheet, Word.
- **Programming Language** – JAVA, JAVASCRIPT
- **Frontend** – HTML5, CSS3, Tailwind CSS
- **Framework's & Library** – React, React JS
- **Backend** – Node.js, Express JS, Next JS
- **Database** – MySQL, Mongo DB

Projects

Full-Stack Developer Project: StyleSavvy [Click here](#)

- Designed and developed a dynamic e-commerce platform using the MERN stack (MongoDB, Express, React, Node.js).
- Implemented responsive UI/UX for seamless user experience across devices.
- Integrated secure payment gateway and user authentication.
- Built robust APIs to handle product catalog, shopping cart, and order processing.
- Optimized application for performance and scalability.

Apple iPhone 15 Pro Homepage Using React, Aug'24 [Click here](#)

- Developed a website inspired by Apple's iPhone 15 Pro page using React, Three.js, and GSAP.
- Achieved high performance with a 2-second load time and an 8.2% click-through rate.
- Attracted over 100 visitors and demonstrated strong user engagement.
- Leveraged advanced animations and 3D graphics to create a visually dynamic experience.

Two Good Co Animated Homepage, Feb'24 [Click Here](#)

- Designed and developed an animated website using HTML, CSS, and JavaScript.
- Implemented GSAP for advanced animations and Locomotive Scroll for smooth scrolling effects.
- Delivered a high-performance, visually captivating user experience.
- Demonstrated expertise in front-end development and innovative design integration.

Declaration

I hereby declare that the information given by me in the Application is true, complete and correct to the best of my knowledge and belief and that nothing has been concealed or distorted