

# ARUNABHA BANERJEE

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## EDUCATION

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**Techno India University, West Bengal**

**Salt Lake, Kolkata**

*B.Tech in Computer Science and Business Systems (CSBS)*

CGPA- 8.05 (Till 4<sup>th</sup> Sem)

2022 - 2026

## PROJECTS

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### InkWorks – Modern Digital Canvas | [Link](#)

- Developed a feature-rich digital drawing application using HTML5 Canvas and vanilla JavaScript.
- Implemented multiple drawing tools, including pen, eraser, shapes, and color selection, to enhance user creativity.
- Designed and integrated undo/redo functionality with state preservation for seamless editing.
- Enabled high-quality drawing exports as PNG with keyboard shortcuts for an improved user experience.
- Built a responsive, touch-friendly UI with a modern glass-morphism design and smooth animations.

Skills: HTML5 Canvas, JavaScript (ES6+), CSS3, UI/UX Design, State Management, Responsive Web Development

### FoodFlow – Modern Food Delivery & Restaurant Management Platform | [Link](#)

- Developed a full-stack food delivery and restaurant management platform using React.js, Node.js, and MongoDB.
- Implemented a secure authentication system with JWT for user and restaurant management.
- Integrated Stripe for seamless and secure online payment processing.
- Designed a real-time order tracking system using Socket.io for live updates.
- Built an intuitive, mobile-responsive UI with React.js to enhance user experience.
- Developed RESTful APIs with Node.js and Express.js for efficient data handling and business logic.
- Enabled a robust rating and review system to improve customer engagement.

Skills: Full-Stack Development, React.js, Node.js, MongoDB, JWT Authentication, Stripe API, WebSockets, RESTful APIs, UI/UX Design

### Spotify Web Clone – Modern Music Player UI | [Link](#)

- Built a responsive Spotify web clone using HTML, CSS, and JavaScript.
- Implemented play/pause, track navigation, volume control, and progress bar seek.
- Designed a modern UI with CSS Variables for theming and responsiveness.
- Displayed track details and recently played songs for better user experience.

Skills: HTML5, CSS3, JavaScript (ES6+), UI/UX Design, Responsive Web Development.

## SKILLS

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- **Programming Languages:** C, C++, Java, Python, HTML, CSS, Javascript, SQL
- **College Summary:** Studying core subjects of CSE including Engineering Mathematics, Digital Logic, Computer Organization and Architecture, Programming and Data Structures, Algorithms, Theory of Computation, Compiler Design, Operating System, Database Management Systems, Computer Networks, Artificial Intelligence, Machine Learning, Oops.

Other Subjects: Operations Research, Software Engineering, Introduction to Innovation, IP Management & Entrepreneurship, Marketing Research & Marketing Management, Essence of Indian Traditional Knowledge, Design Thinking, Computational Statistics, Economics, Business Communication and Value Science, Indian Constitution.