

Arunabha Mukhopadhyay

Third-Year CSE Student |

Aspiring Software Developer

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EDUCATION

Symbiosis Institute of Technology, Pune

Bachelor of Technology in Computer Science Engineering

2022 - 2026

CGPA: 7.23

Delhi Public School, Roorkee

Class-12th

2023

82.1%

Delhi Public School, Roorkee

Class -10th

2021

93.3%

PROJECTS:

Sparkathon By Walmart: [🔗](#) (June 2025 – July 2025):

Tech Stack: React.js, Node.js, Express.js, MongoDB, Gemini API, REST API, JWT Authentication

- Developed and maintained scalable web applications using React.js and Node.js for retail platform serving both staff and customer portals
- Designed and implemented database solutions with MongoDB for inventory management, user profiles, and transaction data
- Integrated third-party APIs (Gemini API) for AI-powered product recommendations and dynamic content generation
- Collaborated with development team to implement secure JWT authentication and role-based access control
- Conducted code reviews and testing to ensure application quality, performance optimization, and bug resolution
- Created technical documentation for API endpoints, database schema, and system architecture
- Built interactive dashboards with React.js for real-time deal discovery and optimized shopping experiences

Iskcon: [🔗](#) (July 2025 – Present)

Tech Stack: React.js, Node.js, Express.js, MongoDB, REST API, JWT Authentication

- Developed full-stack web application with dedicated admin and user portals for memorial management system
- Database design and management using MongoDB with scalable data models for profile storage and user management
- Implemented RESTful APIs for robust frontend-backend communication with real-time updates and secure operations
- Debugged existing application components and resolved issues while preventing regressions in production environment
- Participated in code review processes and maintained code quality standards through systematic testing procedures
- Maintained technical documentation for system workflows, API specifications, and deployment procedures
- Automated backend workflows for profile approval, file uploads, and status tracking with comprehensive error handling

Attendance: [🔗](#) (Nov 2024 – Dec 2024)

Tech Stack: React.js, Vite, Tailwind CSS, GSAP, React Router

- Built responsive web application with modern UI/UX design and interactive dashboard functionality
- Implemented scalable architecture with reusable React components and efficient state management
- Developed and tested application features including class management, attendance tracking, and user authentication
- Utilized code versioning tools (Git/GitHub) for project management and collaborative development
- Created comprehensive technical documentation for component structure and application workflow
- Integrated GSAP animations and React Router for enhanced user engagement and seamless navigation

TECHNICAL SKILLS

- Programming Languages: C/C++, JavaScript, SQL
- Web Development: React.js, Node.js, Express.js, HTML, CSS, MongoDB
- Database Technologies: MongoDB (NoSQL), SQL, Database Management Systems
- Development Tools: Git, GitHub, VS Code, Postman, GitHub Actions
- API Development: REST API, Third-party API Integration, JWT Authentication
- Software Engineering: Object-Oriented Programming, Code Versioning, Testing & Debugging

ACHIEVEMENTS & PARTICIPATION:

Hackathon Participations:

- Walmart Sparkathon - Developed full-stack retail platform solution
- Adobe Hackathon - Participated in design and development challenge
- Reimagine Hackathon - Advanced to Round 2 for static website user experience design

Recognition:

- Demonstrated expertise in web application development and database management
- Proven ability to collaborate with development teams and deliver scalable solutions
- Experience in third-party API integration and modern web technologies