

Arnabh Sinha

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Portfolio

Experience

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| Full Stack Developer Intern
Somaya Enterprises | January 2024 - Present
Remote |
| <ul style="list-style-type: none">• Built a WebSocket-based real-time messaging system, improving message delivery speed by 70%.• Designed a scalable MongoDB architecture, enhancing data retrieval efficiency by 60%.• Optimized API routes, reducing response times by 50% in high-traffic environments.• Integrated Razorpay Payment Gateway, improving transaction processing success by 80%. | |
| Full Stack Developer Intern
Daphnis Labs | October 2024 - January 2024
Remote |
| <ul style="list-style-type: none">• Developed backend systems in Node.js, reducing API response latency by 40%.• Created and managed RESTful APIs, increasing front-end integration efficiency by 55%.• Optimized MongoDB queries, enhancing database performance by 65%.• Developed and optimized responsive UI components with React.js, boosting page load speed by 45%. | |
| Full Stack Developer Intern
Hyggex World | August 2024 - October 2024
Remote |
| <ul style="list-style-type: none">• Engineered API logic in Node.js, reducing processing time by 50%.• Developed an AI chatbot using Azure AI, increasing user engagement by 75%.• Integrated NLP for native language support, improving accessibility by 80%.• Designed responsive UI in React.js, achieving a 90% user satisfaction rate. | |

Skills

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- **Programming Languages:** Java, JavaScript, TypeScript
 - **Version Control:** Git, GitHub
 - **Cloud Computing:** Google Cloud Platform, Azure
 - **Database Management:** PostgreSQL, MongoDB
 - **Frontend and UI/UX:** React.js, Next.js, HTML, CSS, Tailwind CSS, Material UI, ShadCN
 - **Backend Development:** Node.js, Express, Spring, Spring Boot

Education

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|---|--------------------------|
| Bachelor of Technology in Computer Science and Technology
University of Engineering and Management, Kolkata | 2022 - 2026
9.05 SGPA |
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Projects

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- **Music School Website:** Built a music school website using Next.js and Acceternity UI, enhancing user engagement by 70%. **Link**
 - **LearnSync:** Developed an AI-powered education assistant for personalized learning, improving student retention by 60%. Built with React.js, Node.js, Express.js, Cohere AI API, and MongoDB. **Link**
 - **SEO Rank Tracker:** Created an SEO rank tracker tool, increasing keyword tracking efficiency by 80%. Built with Next.js, BrightData API, Node.js, Express.js, and MongoDB. **Link**

Achievements / Position of Responsibility

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- **Web Development Lead at GDG UEMK:** Organized and led web development workshops and increasing community engagement.

Certifications

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- **Google Cloud Study Jams:** Completed hands-on training in Google Cloud
 - **AWS Cloud Practitioner:** Gained cloud computing skills on Amazon Web Services.