Aritra Biswas

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SKILLS

Technologies: React js, Next js, Node js, Express js, Redux, MongoDB, Tailwind CSS
Programming Languages: JavaScript, Typescript, C/C++, Java
Tools and Platforms: Git, GitHub, Vercel, AWS, Docker, Postman, Strapi, Firebase
Other Subjects: Networking, Opareting Systems, Linux, Virtualisation

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EXPERIENCE

Nutanix, *Bangalore, India*
SRE, Intern   *Jan. 2025 – June. 2025*

- Developed an internal automation tool to streamline and accelerate the employee onboarding process, reducing manual setup time significantly.
- Utilized **React** and **Tailwind CSS** for the frontend and integrated it with a **Django** backend for efficient API handling and data management.
- Gained practical knowledge in **Networking**, **Linux systems**, **Virtualization**, and **Hyperconverged Infrastructure** (HCI), essential components of large-scale enterprise systems.
- Understood principles of **Solution Architecture** to align technical solutions with business needs.
- **Certification**: Achieved **CCNA** (**Cisco Certified Network Associate**), validating networking and infrastructure skills.

Dair (**Subsidiary of NIC Infotech**), *Tampa, Florida*
Full Stack Developer   *August. 2023 – July. 2024*

- Developing comprehensive financial case management system using Next.js, MongoDB, PostgreSQL, and Express.js.
- Crafted backend modules for service orchestration, alert management, configurable dashboards, and user management.
- Developed an interactive frontend for a CAIS management tool, incorporating dynamic data visualization and real-time monitoring features.

CodeHelp, *Delhi, India*
Tech Consultant   *Feb. 2022 – Jun. 2023*

- Build **15+ Projects** in various tech stacks (Mostly in **React Js & Next Js**)
- Monitored and debugged production systems, addressing issues promptly to minimize downtime.
- Got accustomed in Team Work

PROJECTS

Cais Manager
Enterprise Banking Alert System   *July. 2024 – December. 2024*

- Developed a complete alert management system for banking operations, supporting real-time tracking and notifications.
- Each alert includes clear explanations to ensure stakeholders understand the cause and context of incidents.
- Built a **highly customizable user interface** that allows users to configure layout, visibility, and filtering options.
- Implemented **Role-Based Access Control** based on **OU** to ensure secure access management for different user roles.
- Enabled the creation of **custom alert types** with dynamic schema fields, allowing flexibility in data structure without code changes.

Tint and Orange with Dashboard
A multi user crm system   *July. 2022 – Nov. 2022*

- Automated warranty, enquiry, and products management system for Tint and Orange with **Node.js** and **AWS** technologies.
- A dashboard was built for the admin, distributor, and dealers to use, serving as a CRM tool for the business.
- The website was built as a introduction to the product of the company using Next.js for faster loading times and better **SEO**.

The CodeHelp
A Learning Platform   *Feb. 2022 – Apr. 2022*

- Developed CodeHelp, a learning platform for Love Babbar (**800k+ followers**), utilizing Next.JS and Tailwind CSS.
- Implemented robust passwordless authentication mechanisms via email and OAuth with Passport.js.
- Orchestrated **Single Sign-On** (**SSO**) for seamless user access across platforms, and synchronized data with **Graphy**, ensuring smooth integration. Deployed on **AWS EC2**, achieving fast, reliable delivery to over **100k** monthly visitors.

EDUCATION

Asansol Engineering College, *Asansol, India*
Bachelors of Technology in Computer Science Engineering   *Sept. 2021 – Present.*
CGPA: 8.5

Asansol Ramakrishna Mission High School, *Asansol, India*
Secondary Education   *Aug. 2009 – Apr. 2019*
Score: 88%

ACHIVEMENTS

- Teaching Assistant and Course Content Creator at **CodeHelp**.
- 3rd Position in Technova 2021 - State level Inter College Tech Competition