

SAYANTAN GHOSH

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EDUCATION

Bachelor of Technology in Computer Science And Engineering	2018 - 2022
<i>RCC Institute of Information Technology, Kolkata</i>	8.88 CGPA

EXPERIENCE

Specialist Programmer (Power Programmer)	Aug 2022 - Present
Infosys	<i>Bangalore, India</i>

- Developed and delivered highly interactive **web applications for Apple utilizing React**, ensuring engaging user experiences and seamless functionality.
- Designed and developed multiple intricate **reusable UI components using React**, leading to a **20% reduction in development time** across various Apple projects.
- Implemented a **centralized store** for the entire application leveraging **Redux**, enabling efficient state management and ensuring smooth data flow across various components.
- Completed comprehensive training in **Infosys Certified Full Stack Developer**, gaining proficiency in the **MERN** stack and enhancing my skills to tackle diverse web development challenges effectively.

Software Development Engineer Intern	Aug 2021 - July 2022
blucap	<i>Bangalore, India</i>

- Designed and **implemented the backend infrastructure utilizing NestJs and GraphQL**, ensuring robustness, scalability, and maintainability of the system.
- Implemented **Attribute-Based Access Control (ABAC)** for existing backend services using CASL, **enhancing security measures and ensuring fine-grained access control**.
- Implemented **event-based inter-service communication using Kafka**, a 20% increase in system performance and a 50% reduction in communication failures.

Software Engineer Intern	Aug 2020 - July 2021
Healthood	<i>Kolkata, India</i>

- Collaborated on **mobile UI** enhancements contributing to a **15% increase in user satisfaction**, while concurrently advancing **backend development using Express**, ensuring a seamless and cohesive user experience across platforms.
- Implemented **Role-Based Access Control (RBAC)** for existing backend services using **Cabin and Go**, fortifying security measures and enhancing access control functionalities.
- Optimized the performance of the existing services by **implementing caching mechanisms using Redis**, resulting in a **25% reduction in response times and a 20% increase in overall system efficiency**.

SKILLS

Technical Skills

- **Library & Framework:** Javascript/Python/Go, Typescript, ReactJs, Redux, Tailwind CSS, Material UI, NodeJs, Express, NestJs, React Native.
- **Tools:** MongoDB, Kafka, Redis, MySQL, Docker, GCP, GraphQL
- **Concept:** DSA, OOPs, SQL/NoSQL, RestApi/GraphQL, System Design, SDLC.

AWARDS

Infosys Insta Award Awarded to the best performer of the team

Winner of hackForIndia an intra-college hackathon for the **Smart India Hackathon**.

Winner of Diversion a project competition organized by the ACM student chapter, competed by 64 teams.