# SAAD FAROOQ

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## SKILLS

- **Languages:** TypeScript, Javascript, Python, Ruby
- **Libraries/Frameworks:** NodeJs, ExpressJs, FeathersJs, NextJs, NestJs, Rails, Reactjs, Redux, Supabase, Firebase, Bootstrap, Material UI, TailwindCSS
- **Databases:** MongoDB, MySQL, PostgreSQL Redis, SQLite, MariaDB
- **Tools:** Docker, GCP, AWS, Heroku, Kafka, BullMQ, RabbitMQ

## WORK EXPERIENCE

### Software Engineer
Devsinc                                                                                                          *2022-Present*

- Revamped legacy source code for two production applications, resulting in improved usability and a **50%** faster runtime performance.
- Consistently delivered optimized, organized, and well-documented code following the **DRY** principle, reducing redundancy, and increasing maintainability and scalability.
- Published reusable **React** components and packages as NPM modules, promoting code reusability and efficiency.
- Demonstrated expertise working with non-relational databases i.e. **MongoDB** using Mongoose ORM and relational databases i.e. **SQL** and **PostgreSQL** using Sequelize ORM within the **NodeJS** environment.

### Associate Developer
FAST NUCES                                                                                                       *2021-2022*

- Successfully contributed to both the web application and admin panel by utilizing **React**, including implementing new features that enhanced the functionality of both platforms.
- Developed expertise in Real Time Embedded systems and applied this knowledge to various projects.
- Designed and executed an **IoT-integrated** UHF RFID system with real-time tracking capabilities within a warehouse setting, resulting in increased efficiency and accuracy in inventory management.
- Spearheaded the development of a comprehensive front-end WMS that provided real-time tracking of packages. This project involved leveraging cutting-edge technologies to optimize logistical operations and streamline delivery processes.

## PROJECTS

**FlipFam**                                                                                                       [Link]
FlipFam is a web3-based application where you answer questions about your favorite Football teams to earn prizes. Play predictions and trivia and collect digital trophies(NFTs).

**BlueprintNYC**                                                                                                  [Link]
BlueprintNYC provides virtual training, event, and engagement services. The main product is an event organizer app in which one can fully customize the customer's panel and can arrange quizzes, polls, and photos.

**Maisonette**                                                                                                    [Link]
Maisonette was an eCommerce website, that is full of third-party integrations like Klaviyo and Narvar to make the user experience stupendous. The addition of microservices makes the whole application more sustainable and organized.

## EDUCATION

### FAST - National University of Computer and Emerging Sciences
Bachelor of Electrical Engineering                                                                                June. 2022

- GPA: 3.94/4.0
- *Vice-President*, **FPS** - FAST Photography Society;