

AKSHAT MITTAL

Software Developer

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📍 Delhi, India

SKILLS

Frontend

- HTML, CSS and JavaScript
- React.js
- Next.js
- Three.js and Three Fiber
- GSAP
- Redux

Backend

- Node.js
- Express.js
- MongoDB
- Postgres/MSSQL

EDUCATION

Graduated with a Bachelor of Technology degree from Vellore Institute of Technology.
(2017-2021)

* Open to working in probationary period.

WORK EXPERIENCE

SAMSUNG Research and Development Institute, Delhi (2022-present)

Tizen Business Manager (TBM)

- TBM is a web application written in node.js and react.js, has MongoDB as the database. With focus on helping vendors and customers with device configuration and initial set-up.
- I was involved in the development of this application from its conceptualization stage until the first stable release.
- Developed major UI functionality so users can make configuration templates, group devices, schedule commands, perform firmware updates, and manage user authority.
- Programmed APIs and middleware using Express framework to facilitate CRUD operations on devices and contributed to the schema declaration process for the same devices.

MagicInfo Systems

- A platform for uploading and organising content, creating playlists, and scheduling it. Creating users with different levels of access like content managers, publishers, admins, and much more, which you can read about below.
- <https://www.samsung.com/us/business/solutions/digital-signage-solutions/magicinfo/>
- Application with a React front-end and a Spring Boot back-end. Utilizing Postgres/MSSQL as the database and Redis for caching.
- Resolved numerous front-end and back-end bugs.
- Designed and implemented a data visualisation feature using Chart.js.

Apisero (2021 - Feb 2022)

- My contribution to the project during my tenure includes building a REST API that fetches data from Salesforce and displays it on a dashboard.
- Designed the MongoDB schema to store user information such as login credentials and integrated it with the Express app using Mongoose.
- Implemented JWT-based authentication and authorization middleware to protect the routes that access Salesforce data and ensure that only authorised users can access them.