

Devashish Soni

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Professional Experience

Xansr Media, Full Stack Developer Intern

Nov 2023 – Feb 2024

- Partnered with **Microsoft** on a PoC for a **Sports OTT** platform and worked in an **agile** team of **6** as the **team lead**.
- Architected **1 microservice end-to-end, overseeing 2 others**, built using **NodeJS with Express and Typescript**. Set up **Azure MySQL Server** as the database.
- Integrated **Microsoft's Playfab** and **reduced development time by 50%** for gamification features.
- Utilized **Azure DevOps** suite of tools for **VCS and CI/CD of all 3 dockerized microservices**.
- Wrote robust tests using **Jest and Supertest**. Made **Swagger** and **Wiki documents** for the APIs.

Volkswagen Group Technology Solutions India,

Dec 2022 – Sep 2023

Software Engineer Trainee

- Developed a web app using **ReactJS, NodeJS, and Express** showcasing **AR** capabilities. Hosted the app on **AWS App Runner** which was **run by 140+ internal employees** in Pune & Gurugram.
- Designed **UI/UX** for **myAudi Connect** using **Figma**, incorporating new **requirements** within **2 weeks**.
- Engineered an **AR Indoor Navigation** app for **Hololens 2** using **Unity & C#** and **Azure CosmosDB for MongoDB** as the database.
- **Collaborated** with a startup, working in a **team of 5** to **develop and maintain a Hololens 2** application.
- Created a minimalistic **model for vehicle detection** using **DetectronV2** with an **87% accuracy score**.

Projects

Learn.AI, a user-centric, AI-driven educational platform.

Feb 2024 – Apr 2024

- Architected **3 microservices** in the backend infrastructure with **NodeJS, Express, and Typescript**.
- Successfully **integrated 2 NLP models**, fine-tuned by team members.
- Utilized 4 databases, **PgSQL, MongoDB Atlas, Redis, and Azure Blob Storage** for data storage needs.
- **Dockerized** each service to be run on respective **Azure Web App** via **Azure Container Registry**.
- Used a combination of raw queries and **Sequelize ORM** to increase average **API response time by 60%**.

Electric Queuing, a charging station booking app for electric vehicles

Nov 2022 – Dec 2022

- Developed 2 interfaces i.e. user and admin using **ReactJS** and **MongoDB** as the database.
- Used **Google Maps API** to render directions and **charging points** in the form of waypoints based on the user's input.

Education

The NorthCap University, B.Tech, CSE

Aug 2020 – Aug 2024

Achievements

i.mobilathon by Volkswagen Group Technology Solutions India,

Oct 2022 – Nov 2022

Winner of i.mobilathon 2022 (Student Category) 🏆

Patents

SYSTEM FOR OPTIMAL ROUTE PLANNING OF EVs 📄

This invention pertains to the domain of route planning, particularly for electric vehicles, by taking into account the locations of charging stations along the way and the present battery level of the vehicle to determine the most efficient route.

Technical Skills

- **Programming Languages:** TypeScript, Java, C++, Python
- **Frameworks:** Express, ReactJS, NextJS, Spring Boot
- **Database:** MongoDB, MySQL, PostgreSQL, Redis, Cassandra
- **Cloud:** Azure, AWS, GCP