



# Sahil Saspara

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**b:** <https://github.com/Roy543> | **LeetCode:** <https://leetcode.com/sahilsaspara2021/> |

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## WORK EXPERIENCE

01/12/2023 – 31/03/2024 Karlsruhe, Germany

**JUNIOR FULL-STACK DEVELOPER** BADISCHE NEUESTE NACHRICHTEN

- Utilized **ReactJS** for dynamic client-side rendering, enhancing web applications with modern and efficient user interfaces.
- Implemented **HTML**, **CSS** and **JavaScript** to create interactive and responsive user interfaces, improving overall user experience.
- Employed **Docker** and **Kubernetes** for **containerization** and **orchestration**, ensuring consistent **deployment** environments and scalable management of application clusters across development stages.
- Managed code repositories and facilitated collaborative code reviews using **Bitbucket** for streamlined version control.
- Utilized **Jira** for efficient project management and **Confluence** for organized documentation, fostering smooth communication within the development team.

01/09/2022 – 31/05/2023 Walldorf, Germany

**WORKING STUDENT - EDT DATA PROTECTION TEAM** SAP SE

- Engineered a robust system architecture leveraging **NodeJS** for the backend, and **VueJS** and **ReactJS** with **HTML**, **CSS**, and **JavaScript** for the frontend, with version control managed through **Git** and **GitHub**, and deployed on **Cloud Foundry**.
- Seamlessly integrated with **SAP Analytics Cloud (SAC)** dashboards for real-time data visualization and analytics, utilizing **SAP CAP** and **OData** for efficient data handling.
- Enhanced system security and user anonymity through advanced safeguard protocols on **SAP BTP** for efficient data management.
- Designed and executed comprehensive **Postman** test suites to validate the **RESTful API** functionalities, reinforcing the system's security and anonymity features.

01/02/2019 – 31/12/2021 Surat, India

**JUNIOR FULL-STACK DEVELOPER** BARUZOTECH PRIVATE LIMITED

- Developed responsive web designs using **HTML**, **CSS**, and **JavaScript**, adhering to company standards and protocols, resulting in visually appealing and user-friendly websites.
- Collaborated within an **agile** team to actively contribute to code development, utilizing **JavaScript** and **NodeJS**, resulting in efficient and functional **web applications**.
- Built **full-stack web applications** utilizing a range of technologies including **ReactJS**, **HTML/CSS**, **Bootstrap**, **TailwindCSS**, **Material UI**, **NodeJS**, **ExpressJS**, **MongoDB**, and **SQL**, delivering robust and feature-rich solutions.
- Implemented **unit** and **integration** testing using **Jest** and **Cypress**, ensuring code quality and reliability through automated test suites.
- Successfully deployed an e-commerce website on **AWS cloud service**, leveraging cloud infrastructure to provide a scalable and reliable online platform.

## EDUCATION AND TRAINING

01/10/2021 – 30/09/2023

**MASTER IN APPLIED COMPUTER SCIENCE** SRH Heidelberg

30/06/2016 – 20/05/2020

**BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING** Parul Institute of Engineering and Technology

## DIGITAL SKILLS

### Developing Tool

Docker | CloudFoundry | Web Development | Git | Development: MERN Stack, Firebase | Web Development: HTML 5, CSS, JavaScript | Postman | Agile (Scrum) | GIT (GitHub) | RESTful Webservices | Visual Studio / Visual Studio Code

### Operating System

Windows, MacOS, Linux(wsl)

●PROJECTS

12/01/2024 – 30/01/2024

House Marketplace

- Experienced **ReactJS** developer proficient in **JavaScript, HTML, and CSS**, with a focus on creating dynamic house marketplace applications.
- Leveraged **SwiperJS** for seamless mobile touch interactions, ensuring optimal user experience.
- Integrated **Firebase** for real-time data management, enhancing platform responsiveness and scalability.
- Demonstrated ability to navigate modern web development frameworks to deliver engaging and efficient solutions.

Links <https://github.com/Roy543/house-marketplace-main> | <https://house-marketplace-tawny-theta.vercel.app/>

03/02/2024 – 10/02/2024

College Learning Resource

- Proficiently developed a cutting-edge college learning resource platform utilizing **JavaScript, HTML, CSS, ReactJS, NodeJS**, and **ExpressJS**.
- Engineered real-time collaboration functionalities through **Socket.io-client**, fostering interactive learning environments for students and educators.
- Leveraged **Three.js** for immersive **3D visualization**, enhancing engagement and comprehension of complex concepts.
- Implemented robust data management solutions with **MongoDB** and **Mongoose**, ensuring efficient storage and retrieval of educational resources.
- Incorporated **SunCalc** library to provide precise sun and moon position calculations, enriching the platform's contextual learning experiences.

Links <https://github.com/Roy543/college-practical-app-main> | <https://college-practicals.vercel.app/>

01/08/2023 – 31/08/2023

SuperNotes with Face Recognition

- Spearheaded the development of the SuperNotes web application, leveraging **NodeJS, ExpressJS, MongoDB**, and **PassportJS** to build a robust backend infrastructure, with version control meticulously managed through **Git** and **GitHub**..
- Implemented an innovative face recognition system utilizing **Face-API.js**, enhancing the note categorization and retrieval functionalities of the platform.
- Integrated **jQuery** and **Bootstrap** to create responsive and user-friendly pages such as the dynamic Profile and New Note pages, significantly enhancing user engagement and interaction.
- Employed advanced **JavaScript** and **EJS** templating for seamless frontend and backend integration, facilitating the creation of a highly intuitive user interface.

Links <https://github.com/Roy543/SuperNotes> | <supernote.onrender.com>

●LANGUAGE SKILLS

Mother tongue(s): **GUJARATI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	B2	B2	B2	B2
GERMAN	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user