



## Sahil Saspara

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### WORK EXPERIENCE

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#### Junior Full-Stack Developer

*Badische Neueste Nachrichten* [ 01/12/2023 – Current ]

City: Karlsruhe

Country: Germany

- Utilized **ReactJS** for dynamic client-side rendering, enhancing web applications with modern and efficient user interfaces.
- Employed **Docker** for containerization, ensuring consistent deployment environments across development stages.
- Implemented **HTML**, **CSS** and **JavaScript** to create interactive and responsive user interfaces, improving overall user experience.
- Styled web applications effectively using **SCSS** (Sass) for enhanced maintainability.
- 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.

#### Working Student - EDT Data Protection Team

*SAP SE* [ 01/09/2022 – 31/05/2023 ]

City: Walldorf

Country: Germany

- 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**.
- Seamlessly integrated with **SAP Analytics Cloud (SAC)** dashboards for real-time data visualization and analytics, ensuring efficient collaboration and data-driven decision-making processes.
- Enhanced system security and user anonymity through advanced safeguard protocols, employing modern technologies such as **ExpressJS** and **MongoDB** 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.

#### Intern

*BaruzoTech Private Limited* [ 31/08/2020 – 27/02/2021 ]

City: Surat

Country: India

- 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**, **Material UI**, **NodeJS**, **ExpressJS**, **MongoDB**, and **SQL**, delivering robust and feature-rich solutions.
- Utilized web debugging tools such as **Firebug** or **Chrome Developer Console** to identify and rectify issues, ensuring smooth functionality and optimal user experience.
- Successfully deployed an e-commerce website on **AWS cloud service**, leveraging cloud infrastructure to provide a scalable and reliable online platform.

### EDUCATION AND TRAINING

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#### Master in Applied Computer Science

*SRH Heidelberg* [ 01/10/2021 – 30/09/2023 ]

#### Bachelor of Technology in Computer Science and Engineering

*Parul Institute of Engineering and Technology* [ 30/06/2016 – 20/05/2020 ]

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)

Programming Language

C/C++ / Object-Oriented Programming / RESTful api / Python Programming / CSS / Nodejs nivel intermediar / NodeJS and ExpressJs / JSON / Angular Js / Bootstrap / VueJS / SQL/MYSQL / JQuery / Web API / JavaScript

PROJECTS

House Marketplace

[ 12/01/2024 – 30/01/2024 ]

- 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/>

College Learning Resource

[ 03/02/2024 – 10/02/2024 ]

- 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/>

SuperNotes with Face Recognition

[ 01/08/2023 – 31/08/2023 ]

- 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](https://supernote.onrender.com)

LANGUAGE SKILLS

Mother tongue(s): Gujarati

Other language(s):

English

LISTENING C1 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

German

LISTENING A1 READING A1 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

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