

Abde Ali Sabunwala *Full Stack Developer*



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in abdeali-sabunwala

🐙 Norwegian-Corgi

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Professional Experience

05/2022 – present

Ravensburg, Germany

Full Stack Developer, FORCAM GmbH

- Worked on multiple web applications made using Springboot, Postgres, Vue3 and TypeScript.
- Integrated Google Blockly into the product as a Vue Component to make it easier for the users to transform collected data.
- Reworked the View in the UI for interaction with customer and third party system.
- Implemented an import/export mechanism for data from CSV files using Apache libraries, increasing the versatility and flexibility of the product.
- Created new logger to write logs in files based on individual assets.
- Wrote test cases and unit tests to reduce bugs, resulting in a more stable and reliable product.

10/2021 – 04/2022

Ravensburg, Germany

Bachelor Thesis, FORCAM GmbH

- Conducted research on low-code platforms and evaluated their suitability for integration into the EDGE product.
- Wrote requirements and selection criteria for low-code platforms and other technologies.
- Created comprehensive test plans and executed tests to validate the functionality and performance of various technologies, identifying and resolving issues.

05/2021 – 10/2021

Ravensburg, Germany

Working Student, Software Developer, FORCAM GmbH

- Conducted extensive research on customer APIs and IoTDB, to integrate them into the EDGE product and its extensions.
- Implemented multiple UI features, collaborating with UX designers and cross-functional teams to improve product usability and customer satisfaction.

Education

03/2018 – 04/2022
Weingarten, Germany

Bachelor of Engineering in Electrical Engineering and Information Technology,

Hochschule Ravensburg-Weingarten University of Applied Sciences (RWU)

- Average grade (German standard): **1.8**
- Main topics: Automation technology, error correction algorithms (communication technology), embedded systems programming, software development, system architecture development, real-time applications
- Dissertation: "Investigation of the use of No/Low Code Engines in the context of signal composition of an EDGE platform". Graded with **1.2**
- Tutored students of Analysis 2

06/2015 – 06/2017
Udaipur, India

High School | Science Major, St. Gregorios Sr. Sec. School

- Graduation with 93.8% (German equivalent grade: ~1.2)
- Third highest rank in the school

Projects

SeRPent(Secure RFID-based Payment Environment), C/C++, Arduino, RFID, Cryptography

An environment that enables secure and contactless transactions using digital signatures, a RFID shield and an Arduino Nano

Skills

Languages

Java, JavaScript, TypeScript, HTML, CSS, C/C++,
Python

Frameworks

Springboot, Vue, React

Databases

PostgreSQL, IoTDB

Tools

Git, IntelliJ, Jira, MS Office, MATLAB

Languages

English

C1 - IELTS



German

B2 - RWU



Hindi

C2 - Mother tongue



Interests

Guitar, Bowling, Ice skating, Cricket, Volleyball

References

Marco Ahrens, Head of Development, FORCAM GmbH

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