

# Abde Ali Sabunwala *Full Stack Developer*



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in abdeali-sabunwala

🐙 Norwegian-Corgi

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## Professional Experience

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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

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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

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**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

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**Languages**

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

**Frameworks**

Springboot, Vue, React

**Databases**

PostgreSQL, IoTDB

**Tools**

Git, IntelliJ, Jira, MS Office, MATLAB

## Languages

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**English**

C1 - IELTS



**German**

B2 - RWU



**Hindi**

C2 - Mother tongue



## Interests

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Guitar, Bowling, Ice skating, Cricket, Volleyball

## References

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**Marco Ahrens**, Head of Development, FORCAM GmbH

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**Bharat Arya**, Team Lead EDGE Connectivity, FORCAM GmbH

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