Sanket Patil

Date of birth: 16/09/1997 | **Nationality:** Indian | **Phone number:**

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WORK EXPERIENCE

15/06/2023 – 15/12/2023 Lichtenau, Baden-Württemberg, Germany
SOFTWARE DEVELOPMENT LS TELCOM AG

- Designed and developed customer-specific Aircraft Spectrum Managment web application that provides licenses for new aircraft or manages existing ones.
- Utilized Java, Groovy, and Grails for development purposes.
- Integrated new Spring Boot based RESTful APIs into the project.
- Implemented frontend configuration in the mySPECTRA environment.
- Worked with databases (ArangoDB, PostgreSQL, and Oracle) as well as implemented user interfaces for users.
- Conducted system testing to ensure seamless operation and functionality.

Technology: Java | Grails | Maven | Spring Boot | Oracle | PostgreSQL | JSON | IntelliJ IDEA | Open API

15/03/2023 – 14/06/2023 Lichtenau, Baden-Württemberg, Germany
INTERN IN SOFTWARE DEVELOPMENT LS TELCOM AG

- Worked on a data migration of Spectrum Management Application.
- Implemented data validation using Java.
- Automated the data migration process across various services, including migration of data from legacy systems to cloud environment.
- Utilized SQL to extract data from PostgreSQL and Oracle databases.
- Actively participated and gained valuable insights in Agile Scrum meetings during internship.

Technology: Java | SQL | Arango DB | Oracle | Docker | Bitbucket | Jira | Confluence

EDUCATION AND TRAINING

01/09/2021 – 04/01/2024 Offenburg, Germany
M.SC. COMMUNICATION AND MEDIA ENGINEERING Offenburg University of Applied Sciences

Object-Oriented Software Development (Java), Object-Oriented Modeling (UML), Database Systems (SQL), Interactive Distributed Applications (HTML, CSS, JavaScript, PHP, XML), Multimedia Databases (Deep learning), Next Generation Internet, Interactive Media (UI), Ubiquitous Applications (Android), Media Integration, Anonymity and Surveillance (Security, Privacy on the Internet)

Field of study Media and Computer Science | **Final grade** 1.9

01/08/2016 – 30/10/2020 Mumbai, India
B.E. ELECTRONICS ENGINEERING (UNIVERSITY OF MUMBAI), Shah And Anchor Kutchhi Engineering College

Object-Oriented Programming Methodology (C++), Structured Programming Approach (C), Database and Management System, Computer Network, Advance Networking Technology, Computer Organization and Architecture

PROJECTS

10/2022 – 01/2023
Docker and CI/CD based web application with a friendly and intuitive user interface (Master Project)

- Grade: 1,0
- Developed frontend for Coffee Shop Application using the JavaScript library React and Redux
- Used Tailwind CSS to create a responsive and attractive design.
- Supported in developing the backend using Django REST API and SQL Lite database.
- [GitHub](#)

Technology: JavaScript | React | Redux | GitHub | Git | Visual Studio Code | Tailwind CSS | HTML

15/05/2024 – CURRENT
Food Waste Reduction Platform

- Developed a RESTful backend service using Java, Spring Boot, OpenAPI, and Spring Data JPA, with PostgreSQL for data storage. Utilized JUnit for testing purposes.
- Implemented the frontend using React and CSS.
- Developed a CI/CD pipeline using Jenkins.
- [GitHub](#)

Technology: Java | JavaScript | JUnit | Spring Boot | React | Docker | Jenkins | CSS | PostgreSQL

01/2023 – 02/2023
E-commerce RESTful service

- Developed and tested REST services using Node.js and Express.js for server-side functionality with focus on security and flexibility.
- Designed and implemented database using NoSQL technology MongoDB.
- [GitHub](#)

Technology: JavaScript | React | NodeJS | Express.js | Git | GitHub | JWT | Mongo DB | Visual Studio Code

08/2019 – 04/2020
Smart Farming Using IOT (Bachelor's Project)

- Worked on the frontend and developed webpage using HTML5, CSS3, JavaScript, Bootstrap to make it easier for Farmers to track information.

Technology: JavaScript | HTML | CSS | Bootstrap

SKILLS

Technical Skills

- **Programming**: JavaScript, Java, SQL, Bash
- **Web**: HTML, CSS
- **Framework and Libraries**: React, Node.js, Spring Boot, Bootstrap, Tailwind CSS
- **Database:** SQL (PostgreSQL, Oracle), NoSQL (MongoDB, Arango DB)
- **DevOps:** Docker, CI/CD, Jenkins
- **Others**: Jira, Confluence, GitHub, Git, UML, RESTful APIs, Agile (SCRUM), JUnit, IntelliJ IDEA, Bitbucket

Languages

- English - B2
- German - A2
- Marathi - Mother Tongue
- Hindi - Fluent

CERTIFICATES

08/2021 – 11/2022
Fullstack Web Development Bootcamp

[certificate](#)

03/2023
Responsive Web Design

[Certificate](#)