

# Vedant Patil

Software Engineer

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## Professional Summary

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Software Engineer dedicated to improving skills through **hands-on learning** and **development work**. Proficient in **mobile** and **desktop development environments**. Adept at using **HTML5, JavaScript and other programming languages to produce clean code**. Well-organized and collaborative **team player** with **strong communication and analytical abilities**.

## Education

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- **B.E in Electronics and Telecommunication Engineering** *Aug 2019 -Jun 2023*  
*Sinhgad College of Engineering, Pune* CGPA: 8.21
- **Higher Secondary Education in Science** *Jul 2018 -May 2019*  
*Saraswati Junior College, Nagpur* Percentage: 76.08

## Technical Skills and Interests

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**Languages:** C/C++, Python, Java, Javascript, HTML+CSS, SQL

**Libraries:** C++, Core Java, Advanced Java, ReactJs

**Dev Tools:** IntelliJ IDE, VScode, Eclipse IDE, Git, Github.

**Frameworks:** Angular, Django, Flask, AJAX

**Cloud/Databases:** MongoDB, Oracle, Relational Database(MySQL)

**Relevant Coursework:** Data Structures and Algorithms, Operating Systems, Object Oriented Programming, Database Management Systems, Software Engineering.

**Areas of Interest:** Software Development, Web Design and Development, Backend Services/Development, Full-Stack Development, Quality Assurance, System Engineering, Technical Support, Software Testing.

**Soft Skills:** Problem Solving, Self-learning, Presentation, Adaptability

## Experience

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### QA Engineer

*SEDEMAC Mechatronics*

*July 2023 - Present*

Pune

- Collaborate with cross-functional teams, including electrical engineers and software developers, to understand product requirements and specifications.
- Verify the software components of the mechatronic system, including embedded software and control algorithms.
- Maintain comprehensive documentation of test cases, test plans, and test results

### Web Designer Internship

*Oasis Infobyte*

*Jan 2022 - Mar 2022*

Online

- Developed user interfaces with modern **JavaScript frameworks, HTML5 and CSS3**.
- Utilised scripting languages, content creation tools, management tools, and digital media to design websites.

- Hands-on experience in **web designing and development**.

## Personal Projects

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### 1. Design and Analysis of Biometric Sensor for Gym Management System

*A web application-based Gym management System implemented using Java.*

- This project is a web application that allows Client to track their GYM Activity. The application is built using **Java and JavaFX**, two popular **Technology**.
- **Java** provides a component-based architecture that makes creating reusable and maintainable code easy. **SQL** is used to handle the Database.
- Technology Used: **JAVA, HTML, CSS, SQL, JAVA FX**.

### 2. Electricity Billing System

*A JAVA-based Desktop application which allows users to calculate their bill according to their usage.*

- Developed a Billing System using **Core JAVA, JDBC, SWING** and **MYSQL**. Where User can store and retrieve their data
- Utilized a **JDBC** that allows Java programs to access database management systems.
- Technology Used: **JAVA, SWING, JDBC, SQL**.

## Certifications

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- **C ++** Disha Institute Nagpur
- **Java for Beginners - Cursa**
- **Advance Java Programming - LinkedIn**