

# Yash Balotiya

(Junior Computer Engineer)

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*"To leverage my theoretical knowledge and practical skills gained during my diploma in Computer Engineering to contribute effectively as a Junior Computer Engineer within a forward-thinking tech-oriented organization. Eager to apply and enhance my abilities in a real-world setting while learning and growing alongside experienced professionals."*

## EDUCATION

Course Name	Institute Name	Board Name	Marks	Year	Status
Computer Engineering	Vivekanand Education Society's Polytechnic	Maharashtra State Board of Technical Education	3 <sup>rd</sup> Sem – 85.07% 4 <sup>th</sup> Sem – 87.47%	2023	<i>Pursuing</i>
Electrician	K. J. Somaiya Private Industrial Training Institute	National Council for Vocational Training	1 <sup>st</sup> Year – 85.71% 2 <sup>nd</sup> Year – 87.86%	2020	Completed
Secondary School Certificate	Adarsha Vidyalaya	Maharashtra State Board of Secondary and Higher Secondary Education	81.60%	2018	Completed

## SKILLS

- **Programming Languages:**  
HTML, JavaScript, C, C++, Java with Advanced Concepts, VB.NET, Kotlin & Jetpack-Compose.
- **Database Management:**  
SQL / PLSQL (Oracle), Basic knowledge of Firebase Database.
- **Operating Systems:**  
Windows, Linux (Ubuntu) & Basic knowledge of MAC OS.
- **Knowledge of:**  
Programming Languages, Object Oriented Programming, Database Management Systems, Data Structures & Algorithm, GUI Based Application Development, Android Development (Front-End) and Computer Graphics.  
**Electrical:**  
Alternating & Direct Current, Soldering & Electronic Components, DC Generator & Motor, Transformer, Single & 3-Phase Induction Motors, Alternator & Converter, Wiring, Electrical Power Generation & Transmission, and Underground & Over-Head Power Cables.
- **Problem-Solving**
- **Quick Learning**
- **Communication Skills**
- **Teamwork**
- **Leadership**
- **Logical Thinking**

## WORK EXPERIENCE

Job Title	Company Name	Location	Duration	Period
Internship Trainee	Mobond Software Consultancy Services	Belapur, Navi Mumbai	June 2023 – July 2023	7 Weeks
<b>Description:</b> Worked at Mobond Software Consultancy Services as an Android Development Intern, focusing on Kotlin and Jetpack Compose. Successfully developed and contributed to our college's mobile application within a tight 7-week deadline. Demonstrated adaptability, collaboration, and proficiency in modern Android development technologies.				
Apprenticeship Trainee	Hind Rectifiers Ltd.	Bhandup, Mumbai	August 2020 – June 2022	22 Months
<b>Description:</b> Served as an Apprentice Trainee at Hind Rectifiers Ltd in the Electrical Department. Specialized in manufacturing auxiliary converter units for Indian Railways' electric locomotives, including WAP7 and WAG9, delivered to CLW and DLW. Proficiently assembled diverse modules employing electrical, electronic, and mechanical components, showcasing precision and technical expertise.				
Part-Time Sales Associate and Computer Operator	Maauli Medical & General Stores	Kurla, Mumbai	June 2020 - Present	3 Years
<b>Description:</b> Currently employed at Maauli Medical & General Stores, efficiently managing sales operations, and providing excellent customer service. Responsible for accurately processing transactions, managing inventory, and utilizing computer systems to maintain records and generate bills. Demonstrates strong multitasking abilities and a customer-centric approach.				

## PROJECTS

### Computer Based Projects:

- **VES Polytechnic – Kotlin & Jetpack Compose**

Developed VES Polytechnic Android app using Kotlin & Jetpack Compose during internship. Implemented modern UI/UX with Jetpack Compose for an intuitive user experience. Integrated key features to facilitate seamless navigation & access to essential educational resources for students & staff.

- **Electronic EVM - Java**

Created Electronic EVM (EEVM) microproject using Java, incorporating comprehensive Java concepts and robust file handling. Designed and developed an Electronic Voting Machine (EVM) simulation with essential functionalities, providing a digital platform for conducting electronic voting processes.

- **Blood Bank Management System – VB.NET**

Designed a robust GUI-based Blood Bank Management System desktop application using VB.NET, encompassing VB.NET concepts and MYSQL database integration. The project demonstrates proficient use of VB.NET and database handling for efficient blood bank operations.

- **Personal Portfolio – HTML, CSS, JavaScript**

Crafted a sleek and responsive personal portfolio website using HTML, CSS, and JavaScript. Implemented modern design elements and interactivity to showcase skills, projects, and experience effectively.

- **ATM Simulation System – C++**

Created an ATM Simulation using C++, replicating real-world ATM functionalities. Integrated features like account management, balance inquiries, deposits, withdrawals, and PIN validation. Demonstrated strong C++ programming skills and logical problem-solving in simulating a crucial banking tool.

- **Animated Taj-Mahal – C**

Developed an animated representation of the Taj Mahal using console-based computer graphics in C language. Implemented intricate designs and movement to depict the Taj Mahal dynamically. Showcased creative programming skills and an understanding of computer graphics principles to bring an iconic structure to life on the console.

### Electrical Based Projects:

- **Electric Locomotive Scale Model**

Constructed a detailed Electric Locomotive Scale Model replicating locomotive WAP-7 of Indian Railways, complete with metallic body, cardboard wheels, and functional power retrieval from overhead lines (OHE). Demonstrated hands-on skills in structural design and electrical engineering, showcasing a miniature yet accurate representation of an electric locomotive running on custom-made tracks and Electrical - Electronic Circuits.

- **Windmill Mobile Charger**

Developed a portable Windmill Mobile Charger, enabling mobile charging while on the move. Designed a compact model integrating wind energy harvesting capabilities to generate power for charging devices. Demonstrated creativity and renewable energy application in a practical, user-friendly solution for travellers.

## **CERTIFICATIONS & TRAINING**

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- **Financial Literacy Program**

Certified from K. J. Somaiya Institute of Management Studies & Research (SIMSR), Mumbai.

- **Adobe Photoshop**

Certified from Vivekanand Education Society's Digital Academy, Mumbai.

- **MS-CIT**

Certified from Maharashtra State Board of Technical Education (MSBTE) & Maharashtra Knowledge Corporation Limited (MKCL).

## **ACHIEVEMENTS & AWARDS**

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- **Best Academic Performance**

Awarded & Certified from K. J. Somaiya Private Industrial Training Institute – 2019

Awarded & Certified from K. J. Somaiya Private Industrial Training Institute – 2020

- **100% Attendance**

Awarded & Certified from K. J. Somaiya Private Industrial Training Institute – 2019

Awarded & Certified from K. J. Somaiya Private Industrial Training Institute – 2020

- **Securing Place in Merit**

Awarded & Certified from Lions Club of Chembur Diamonds for 10<sup>th</sup> Standard – 2018

## EXTRACURRICULAR ACTIVITIES

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- Participated in Shark Tank VESP – 2023
- Participated in 5S Program at Hind Rectifiers Ltd. – 2021
- Participated in Public Awareness Drama on Education at K. J. Somaiya – 2019
- Participated in Annual Function (Dance) at K. J. Somaiya – 2019
- Participated in Public Cycling Program - 2018
- Received a Certificate of Merit for standing FIRST in Act-Play – 2016
- Participated in school's Annual Functions (Dance, Drama & Music)

## INTERESTS & HOBBIES

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- Passionate about Work.
- Helping Others.
- Music Enthusiast.
- Technology and Gadgets.
- Laptop Usage.
- Audio-Video Editing.

## OTHER BASIC DETAILS

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**Name:**

Yash Laxman Balotiya

**Date of Birth:**

29<sup>th</sup> May 2002

**Gender:**

Male

**Marital Status:**

Unmarried

**Nationality:**

Indian

**Languages Known:**

English, Hindi, Marathi, Marwadi (Rajasthani).

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