

# Vinit Bhole

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## Profile

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As a committed and motivated B Tech student majoring in Computer Science, I bring a strong foundation in computer science principles and a passion for leveraging technology to solve complex problems.

**Key Skills:** Robotics, Python, Java, React Native, Full Stack Web Development

## Education

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### Global Indian International School, Singapore

February 2008 – April 2019

*10th Grade in Science*

### D.Y. Patil Junior College

May 2019 – June 2021

*12th Grade in Science*

### Manipal University Jaipur, Jaipur

August 2021 – September 2025

*Bachelor of Technology in Computer Science Engineering*

**Courses** – Object Oriented Programming, Data Structures & Algorithm, Cryptography, Data Science, Deep Learning, Artificial Intelligence, Data Communication, RDBMS, Design & Analysis Of Algorithms, Computer Networks

### University of Southampton, Southampton

October 2025 – Present

*MSc in Artificial Intelligence*

## Experience

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### IT Intern | Strides Pharma, KRS Gardens

May 2024 – July 2024

Assisted in system administration, server management, and computer networking, contributing to efficient IT operations.

- Provided technical support and resolved IT issues, ensuring minimal downtime and maintaining productivity.
- Managed user accounts, permissions, and security configurations, enhancing system security and data integrity.
- Monitored server performance and performed routine maintenance, optimizing resource utilization.
- Collaborated with the IT team to troubleshoot network connectivity issues, improving communication and workflow efficiency.

### Glatt Systems | Industrial Automation

February 2025 – July 2025

Assisted in PLC Programming, SCADA Ignition, and supply chain optimization, contributing to efficient automation processes.

- Provided technical support and resolved automation issues, ensuring minimal downtime and maintaining productivity.
- Developed and maintained PLC programs, enhancing system reliability and operational efficiency.
- Configured SCADA Ignition systems for real-time monitoring and control, optimizing resource utilization.
- Collaborated with the automation team to implement supply chain optimization strategies, improving workflow efficiency.

## Academic Projects

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### **Smartphone-Controlled Robotic Arm** | Raspberry Pi, IoT

- Created a robotic arm controlled via smartphone using Raspberry Pi, enabling remote manipulation of objects.
- Designed and implemented control algorithms for precise movement and enhanced operational efficiency.

### **Food Delivery App** | React Native, Mobile Development

- Developed a fully functional food delivery app using React Native, facilitating user-friendly order placement and tracking.
- Implemented responsive UI components and integrated real-time database connectivity for seamless user experience.

### **Clothing Website** | Full-Stack Web Development

- Built a working clothing website from scratch with a custom back-end, providing a smooth e-commerce experience.
- Implemented secure authentication and dynamic product management for enhanced user engagement.

### **Home Automation System** | Raspberry Pi, Python, IoT

- Developed a home automation script using Raspberry Pi and Python, enabling remote control of home appliances.
- Integrated multiple sensors for real-time monitoring and automation of household systems.

### **Hostel Catalogue Website** | HTML, CSS, JavaScript

- Designed and developed the front end of a hostel catalogue website using HTML, CSS, and JavaScript.
- Ensured a responsive design and optimized user navigation for an improved browsing experience.