Vishal Yadav

yadavvshall@gmail.com | 8668279388 | Linked-In | GitHub

PROFESSIONAL SUMMARY

Dedicated Instrumentation Engineer skilled in **Java, C++, and SQL,** with a strong foundation in **web development and automation.** Capgemini-trained in **Java, Spring, and React,** eager to contribute **innovative solutions.**

SKILLS

Programming Languages: Java, C++, SQL
Web Development: HTML, CSS, JavaScript
Automation Technologies: Robotics, IoT Systems, Networking
Tools: Git, LaTeX, MatLab, LabView
Miscellaneous: Microsoft Office

EDUCATION

BE. Instrumentation Control Engineering   SGPA - 8.60 | Jun 2023
Mvp's KBTCOE

PROJECTS

VISION BASED PICK AND PLACE APPLICATION USING OMRON ROBOT ↗
- Leveraged **DH parameters** for both forward and inverse kinematics, enabling precise motion control, while seamlessly integrating **ACE 4.0 software** and a sophisticated vision system.

INSTAGRAM & GOOGLE DRIVE CLONE ↗   Html , Css
- Created **HTML** and **CSS** based clones of Instagram and Google Drive, showcasing adeptness in web development and design.

WORK EXPERIENCE

AVON BUILDING SOLUTION PVT LTD | Application Engineer   Pune | Jul 2023 – Aug 2023
- Managed **networking, access control systems**, and **smart building integration** using **TCP/IP** and **VLANs.**
- The **commissioning** of the system was performed by using software tools like **Netx Automation, I app, Bootloader, and Communication Software** etc.

C2TC TRAINING PROGRAM- CAPGEMINI ↗   Oct 2022 - Jan 2023
- Introduced technologies: SQL, Core Java 8, JPA with Hibernate, GIT, Spring 5.0, Spring Boot, HTML5, CSS3, JavaScript, TypeScript, React JS, soft skills.

CERTIFICATION

TECHNICAL SUPPORT FUNDAMENTALS ↗   Google
SIGNALS AND SYSTEMS ↗   IIT BombayX
NETWORKING CISCO ↗   Cisco
JAVA TRAINIG COMPLETE COURSE ↗   Udemy
COMPUTER NETWORKS FUNDAMENTALS ↗   Udmey

RESEARCH PUBLICATIONS

STUDY OF ROBOTICS MODELLING ↗   May 2023
- Studied Robotics Modeling and Automation for **Omron Viper 850** robot pick-and-place tasks, utilizing **ACE 4.4 software** for precise 6-axis motion control.