

# Varun Yadav

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## SUMMARY

MCA fresher with a strong foundation in programming and web development. Skilled in Python, Java, SQL, HTML, CSS, JavaScript, and PHP, with hands-on experience through academic and personal projects. Familiar with database management, basic cloud concepts, and responsive UI development. Quick learner with a problem-solving mindset, eager to start a professional career and contribute to real-world software solutions.

## EDUCATION

### D. Y. Patil Agriculture & Technical University

Kolhapur, India

Aug 2025 – May 2027

*Master of Computer Applications*

- Relevant Coursework: Python, Java, C#.NET, Mobile App Development, Web Development, Cloud Computing

### Bharati Vidyapeeth Deemed to be University

Sangli, India

Aug 2022 – May 2025

*Bachelor of Computer Applications — SGPA: 7.84/10.0*

- Relevant Coursework: Data Structures & Algorithms, OOP, DBMS, Operating Systems, C, C++, Java, Python, SQL

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, SQL, JavaScript, C, C++

**Web Technologies:** HTML5, CSS3, React.js, Bootstrap, JSP, Servlets

**Frameworks & Backend:** Spring Framework, Spring Boot, Hibernate

**Databases:** MySQL, RDBMS

**Cloud & DevOps:** AWS (EC2, S3, Lambda, API Gateway), Git, GitHub

**Tools & IDEs:** VS Code, IntelliJ IDEA, Eclipse, Streamlit

**Data Science & ML:** Scikit-learn, Machine Learning, Data Analysis

**Soft Skills:** Team Collaboration, Problem Solving, Communication

**Languages:** English (Fluent), Hindi (Native), Marathi (Native)

## PROJECTS

### Cloth Management System | HTML, CSS, JavaScript, PHP, MySQL

2026

- Architected and developed a full-stack inventory management system to efficiently manage clothing inventory, sales tracking, and user data with role-based access control
- Implemented comprehensive Admin Panel with CRUD operations for managing product details including name, category, size, color, price, and stock quantity across multiple product lines
- Integrated MySQL database with normalized schema design for secure storage and retrieval of product, sales, and user data with optimized query performance
- Designed responsive frontend interface ensuring optimal user experience across desktop and mobile devices

### CareerTrackr - Career Guidance Platform | HTML5, CSS3, JavaScript, PHP

2025

- Architected comprehensive career guidance platform serving students with integrated resume building tools and streamlined job application workflow
- Implemented direct HR communication features enabling real-time interaction between job seekers and hiring managers, reducing application response time
- Built responsive frontend using modern web technologies ensuring cross-browser compatibility and optimal performance across devices
- Developed centralized dashboard improving student employability metrics through integrated career-growth analytics and tracking tools

### Personal Portfolio Website | HTML5, CSS3, JavaScript, GitHub Pages

2025

- Developed and deployed responsive portfolio website showcasing technical projects and skills with custom domain hosting using GitHub Pages
- Implemented performance optimization techniques achieving 95+ Lighthouse scores across all metrics with cross-browser compatibility
- Designed clean, user-friendly UI with structured code documentation facilitating learning for visitors and demonstrating best practices
- Enhanced code maintainability through semantic HTML, modular CSS architecture, and well-documented JavaScript functions

## CERTIFICATIONS

**AWS Certified Developer**, Amazon Web Services

**SQL & Relational Databases**, IBM

**Data Analytics & Visualization with Power BI**

**Introduction to Data Mining**, Infosys Springboard

**Introduction to Generative AI Studio**