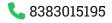# Shubham Kumar Yadav

Hello, I'm Shubham Kumar Yadav, a passionate Software Engineer, Full Stack Developer, DevOps and Cloud Computing, and Android Developer with hands-on experience in building real-time responsive web platforms in both Front-End and Back-End technologies. Developed real-world skills through internships at Salesqueen Software Solutions, where I contributed to live projects, and as part of the technical team at Gautam Buddha University, where I helped develop an online Bonafide Certificate system and supported the admission process. Completed a virtual AI internship with IBM SkillsBuild, focused on chatbot development using Watsonx AI. Currently upskilling in DevOps and Cloud Computing through PW Skills, with practical knowledge of CI/CD pipelines, AWS, Docker, and automation tools. Passionate about optimizing workflows and streamlining development processes. A quick learner who enjoys teamwork, solving real-world problems, and staying updated with the latest tech trends. Proven ability to adapt quickly to dynamic environments, stay focused under pressure, and consistently deliver results through strong communication, problem-solving, teamwork, and collaboration skills.

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WORK EXPERIENCE

Salesqueen Software Solutions, Chennai

Front-end Development (Internship)   March 2025 - July 2025

- Designing and building **responsive design**, **UI components** feature to enhance **User experience-**, **improve accessibility**, and ensure visual consistency **across platforms**. **User-friendly web interfaces**.
- Gained **hands-on experience** working on **live servers** with **real-time deployment** and **maintenance**.
- Contributed to key projects in **Login Portal**, **Production Portal**, **Kanban Board**, **E-commerce Website**, **Goodwill App** and **Online Cab Booking App.**
- **Collaborated** with a **remote team** using **simple tools** and **step-by-step planning** to complete tasks, including **urgent projects** under **tight deadlines** with **quick problem-solving** and **efficient delivery**.

Gautam Buddha University (GBU), Greater Noida

Admission Cell (Internship)   March 2024 - July 2024

- I Worked as a **member** of the **technical team** and as a **Counselor**, contributing to both administrative and technical operations during the admission process.
- Assisted the **admissions team** with **office-related tasks** and supported the **admission counseling process**, ensuring **smooth daily operations** and providing **guidance to prospective students**.
- Demonstrated excellent **technical skills** in managing and organizing student **data** efficiently and designed online **Bonafide** certificate.
- **Managed** admission processes through **scheduling**, **coordination**, and **progress tracking, utilized CRM systems** to **track** and **manage student inquiries**, ensuring **timely follow-ups** and **effective communication**.
- Collaborated with team members to optimize workflows, **showcasing strong communication** and **problem-solving skills**.

CSRBOX Foundation through IBM SkillsBuild

Artificial Intelligence (Internship)   July 2024 - August 2024

- Completed a **virtual internship** on **Artificial Intelligence** through **IBM SkillsBuild**, hosted by **CSRBOX Foundation**.
- Gained hands-on experience with **AI-based solutions**, including **real-world applications** and **chatbot development**.
- Learned to build a **chatbot using Watsonx AI**, applying **natural language processing (NLP)** techniques to simulate human-like interactions.

EDUCATION

Physics Wallah (PW Skills)

DevOps and Cloud Computing   May 2025 - Present

Gautam Buddha University, Greater Noida

MCA AI (Master of computer Applications) - 8.71   July 2023 - July 2025

Veer Narmada South Gujarat University

BCA (Bachelor of Computer Applications). - 7.61   October 2020 - June 2023

SKILLS

Programming Languages:
C, Python, JavaScript
DevOps & Cloud Computing:
AWS, Ubuntu, CI/CD Pipelines, Git, GitHub, GitHub Actions, Jenkins, SonarQube, Docker, Kubernetes, Ansible, Cron Jobs, Version Control
Web Development:
HTML, CSS, JavaScript, Bootstrap 5, Tailwind CSS, React, Vite, PHP, Node.js, Express, GraphQL, REST APIs
Android Development:
Kotlin, Android Studio, Firebase
Database Management:
MySQL, SQLite, MongoDB, Firebase
Tools & Frameworks:
IBM Skills (Chatbot Development), XAMPP, FileZilla, Postman API
Design & Productivity Tools:
Figma, Canva, Microsoft Word, PowerPoint

PROJECT

Portfolio: ↗

Designed and **developed** a fully **responsive** and **visually engaging** portfolio website. The project showcases a **clean**, **modern design** with **interactive elements**, optimized for **seamless user experiences** across devices. The website integrates **smooth animations** and **dynamic content loading**, ensuring **efficient performance** while maintaining an **aesthetically pleasing interface**. You can also explore my **15+ projects** showcasing diverse technical skills and practical applications.

Automated Full-Stack To-Do Application with CI/CD Deployment: ↗

Developed a **To-Do application** using **React**, **Express**, and **MongoDB**, demonstrating an **automated deployment pipeline** utilizing **Ansible**, **GitHub Actions**, and **AWS EC2**. The project **automates** the entire process from **server provisioning** to **deploying project files** from the **local machine** to the cloud without manually logging into any **EC2 instance**. Essential **packages** like **Node.js**, **npm**, **PM2**, and **Ansible** are **automatically installed** on the **EC2 instance**. The **frontend (React)** and **backend (Express + MongoDB)** are deployed and run **seamlessly** on the remote server, with the entire process controlled via **Ansible playbooks** triggered by **GitHub Actions**. This setup allows for **simultaneous deployment** across **multiple EC2 instances**, including **launching 11 EC2 instances at once**, all **without** opening a **single remote terminal session**. This provides a **fully automated**, **zero-manual-intervention** deployment pipeline for the **application**.

Expense Tracking System: ↗

Built a **robust** full-stack **Expense Tracker** using **Node.js**, **Express.js**, **MongoDB**, **GraphQL**, and **React**. The application features **JWT authentication** for **secure user access** and efficient **expense management-** , allowing users to track and categorize their expenditures. Integrated **Chart.js** for **real-time data visualization**, providing interactive **charts** and **graphs** for better financial insights. Designed a **responsive user interface** using **React + Vite** and **Tailwind CSS, ensuring a smooth**, visually appealing **experience** across all devices.

Online Food Delivery (FoodHut): ↗

Built FoodHut, a **dynamic** and **scalable online food delivery platform** using **HTML, CSS, JavaScript, Bootstrap**, and **PHP** with **MySQL** for a robust backend. Integrated an **IBM Skills-built chatbot** for **real-time user interaction**, enhancing **customer support** and **order tracking**. The platform features a **user-friendly admin dashboard**, enabling **efficient management** of **orders**, **menus**, and **user data**. The system is designed for **high performance**, ensuring **quick response times** and a **responsive user interface**. This project prioritizes **usability** and **security**, offering a **smooth** and **reliable experience** for both **customers** and **administrators**.

Car Rental Website: ↗

Developed a **dynamic Car Rental Website** using **HTML, CSS, Bootstrap** for a **responsive front-end design**, with **PHP** and **MySQL** powering the backend. Implemented a **comprehensive admin panel** and **dashboard** for managing **cars**, **bookings**, and **users**, enabling **efficient operational control**. This project focuses on delivering a smooth and user-friendly experience while ensuring seamless management for administrators.

Chatting Android Applications: ↗

Built a **feature-rich chat application** in **Android Studio** using **Kotlin** and **Firebase** for **real-time data exchange**. The app features a **web-based admin panel** and **dashboard** built using **PHP** for **backend operations**, with **HTML, CSS, Bootstrap**, and **JavaScript** for a **clean**, **responsive user interface**. **Figma** was used for **UI/UX design**, ensuring a **seamless user experience**. This project highlights expertise in **real-time communication**, **interactive user features**, and **efficient data management**, creating a **scalable**, **responsive chat platform** that delivers a **smooth**, **engaging experience** for users across various devices.

Hostel Management System: ↗

Created a **VB.NET application** for **student registration**, **room allocation**, **fee management**, and **report generation**, significantly improving **hostel operations**. Integrated **database connectivity** for **efficient data handling** and automated **administrative workflows**, streamlining **hostel management processes** and enhancing **operational efficiency**. This system ensures **smooth operations**, **accurate record-keeping**, and **optimized resource management** for the hostel.

CERTIFICATE

Internship Certificate – Front-End Developer, Salesqueen Software Solutions ↗

IBM SkillsBuild Artificial Intelligence Internship Certificate ↗

Internship Certificate – Admission Department, Gautam Buddha University ↗

LANGUAGE

English

Hindi