

BHUPESH INDURKAR

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Summary

Enthusiastic and detail-oriented Software Developer with hands-on experience through internships and academic projects. Skilled in Python, Java, React.js, MySQL, and Flask/Django, with a strong foundation in full-stack development. Worked on real-world projects like Energy Consumption Prediction & Optimization and Smart Classroom Management System, demonstrating problem-solving ability and teamwork.

Skills

- Programming: Python, Java, C++
- Web Development: HTML, CSS,
- Tools: Git, GitHub,
- Problem-Solving & Debugging

Experience:

Software Development Intern (Remote)

Multiple Organizations, India | Jan 2024 – Aug 2025

- Completed multiple remote internships in software and web development.
- Worked with HTML, CSS, JavaScript, Python on real-world tasks.
- Built web features like CRUD operations, forms, and basic backend logic.
- Used GitHub for code management and submissions.

Project:

Smart Energy Consumption Prediction & Optimization

- Designed system architecture to handle real-time data collection from IoT sensors and built backend services in Python (Flask/Django) with REST APIs.
- Integrated MQTT brokers and WebSockets for continuous data streaming.
- Built machine learning models to predict energy consumption with 85–90% accuracy.
- Developed interactive dashboards using React.js for data visualization.
- Deployed application on AWS with Docker and CI/CD pipelines.
- Reduced energy wastage by 15–20% during pilot testing.

Smart Classroom Management System

- Built a desktop + web-based application for managing student data, attendance, and performance reports.
- Designed relational schema in SQLite/MySQL for secure storage of records.
- Implemented QR code attendance system, reducing manual errors by 60%.
- Created analytics and reporting modules with PDF/Excel export.
- Deployed web application on AWS for live usage.

Temperature-Converter-Program

- Developed a program to convert temperature between Celsius, Fahrenheit, and Kelvin.
- Implemented accurate conversion logic with user-friendly input handling.
- Built using Python / JavaScript with a clean and simple interface.
- Focused on logic building, condition handling, and mathematical accuracy.

Calculator Project

- Developed a basic calculator to perform addition, subtraction, multiplication, and division.
- Implemented clean logic with proper input validation and error handling.
- Built using Python / JavaScript with a simple and user-friendly interface.
- Strengthened understanding of control structures and arithmetic operations

Education

12th College

Higher Secondary Certificate (HSC – 12th)
Municipal College, Pauni
Maharashtra State Board
Percentage: 47.90%

10th School

Secondary School Certificate (SSC – 10th)
Vikas High School, Pauni
Maharashtra State Board
Percentage: 75.60%

B.Tech (Pursuing) – Information Technology

Information Technology
Tulsiramji Gaikwad Patil College of Engineering and Technology
Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU)

Certifications Licence

- AWS Cloud Practitioner – Amazon Web Services
- Credly Badge: [<https://www.credly.com/badges/1b80c6c6-...>]

Internship Complete

- 1 Code Technology
 - 2 CodeAlpha
 - 3 InternPe
 - 4 MaTPO
 - 5 SkillCraft Technology
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Hobbies

- Coding and learning new technologies
- Building mini projects
- Problem solving
- Exploring tech blogs and tutorials