

# Achal Omprakash Bharati

Ravet, Pune, India

[GitHub](#) [LinkedIn](#) [✉ achalbharati13@gmail.com](mailto:achalbharati13@gmail.com) [☎ +91-9307011181](tel:+91-9307011181) [LeetCode](#)

## Summary

Frontend-focused Computer Engineering undergraduate with experience in building clean, responsive, and user-friendly web interfaces using HTML, CSS, JavaScript, and React.js. Skilled in converting UI/UX designs into pixel-perfect implementations and integrating REST APIs. Strong backend foundation in Java and MySQL, enabling efficient collaboration with backend teams and full-stack development. Passionate about performance optimization, clean code, and cross-device compatibility.

## Technical Skills

**Frontend:** HTML5, CSS3, JavaScript (ES6+), React.js

**Styling & UI:** Responsive Design, Flexbox, CSS Grid, Bootstrap, Basic Tailwind CSS

**Backend:** Java (Core Java, JDBC), REST API Integration

**Databases:** MySQL (Advanced), MongoDB (Basic)

**Tools:** Git, GitHub, Postman, VS Code, JUnit

**Concepts:** API Integration, Performance Optimization, Cross-Browser Compatibility, Debugging

## Projects

### EduShare – Educational Resources E-Commerce Platform (React, Java, MySQL)

- Developed responsive and interactive frontend using React, HTML, and CSS for product listing, cart, and checkout pages.
- Converted UI designs into pixel-perfect components ensuring smooth user experience across devices.
- Integrated REST APIs developed using Java for product data, cart management, and order processing.
- Implemented category-based filtering, search functionality, and real-time UI updates.
- Optimized frontend performance and reduced page load time by 30%.

### Carbon Dioxide Emission Prediction Dashboard (Python, JavaScript, SQL)

- Designed interactive dashboards using JavaScript to visualize CO<sub>2</sub> emission trends and predictions.
- Ensured clean and structured frontend presentation of analytical results.
- Processed and validated data using SQL and Python for accurate UI rendering.

### HealthBank – Patient Record Management System (HTML, CSS, Java, MySQL)

- Designed responsive web pages with intuitive forms for managing patient records.
- Connected frontend UI with Java backend using JDBC for secure CRUD operations.
- Ensured reliable data flow and validation between frontend and database.

## Professional Experience

### Web Development Intern

Kalavati Technologies Pvt. Ltd.

2023

- Developed responsive dashboards and UI components using HTML, CSS, and JavaScript.
- Integrated frontend pages with backend APIs and SQL-based data sources.
- Improved UI performance and reduced page load time by 30%.
- Collaborated with designers and backend developers to deliver requirement-based solutions.

### Data Science Intern

PanTech E-Learning Pvt. Ltd.

2024–25

- Worked with large datasets and ensured clean frontend data presentation.
- Assisted in building data-driven visual reports and dashboards.

## Certifications & Achievements

Certified in Java, SQL Fundamentals, Web Development

Best Project Award – Computer Department (2024–25)

## Education

### B.E. in Computer Engineering

2023–Present

Pimpri Chinchwad College of Engineering and Research, Pune

CGPA: 9.57

Honours in Internet of Things (Pursuing)