

# PRATHAM DINESH BAGRECHA

Thakur College of Engineering and Technology, Mumbai

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## ACADEMIC QUALIFICATIONS

<b>Bachelor of Technology (B. Tech in Information Technology)</b> University of Mumbai. Pursuing with 8.9 CGPA	2021-2025
<b>Higher Secondary School Certificate (H.S.C)</b> Central Board Secondary Education. Passed with 92%.	2020-2021
<b>Secondary School Certificate (S.S.C)</b> Central Board Secondary Education. Passed with 87.4%.	2018-2019

## COURSEWORK / SKILLS

- **Language:** Java | HTML | CSS | JavaScript |
- **Database:** SQL | MongoDB | Postgresql
- **Tools & Platform:** IntelliJ IDE | MySQL Workbench | GitHub | M.S Office | Visual Studio
- **Technologies:** React | Cloud Computing | Express | Spring Boot | Next
- **Knowledge:** Data Structures & Algorithms (DSA) | Object-Oriented Programming (OOP) | DBMS | Operating Systems | Computer Networks

## PROJECTS

### Study Notion | React, MongoDB, Express, Tailwind CSS

- Developed a full-stack e-learning platform where users can create, sell, and purchase courses.
- Implemented secure user authentication, course publishing, dashboard analytics, and Razorpay-based payment integration.

### Fena Billing System | React, Node.js, Express, MongoDB (<https://btc-1-3i51.onrender.com/>)

- Developed and deployed a full-stack billing & credit management system for retail/wholesale shops.
- Added features like real-time billing, product selection, customer history tracking, and pending credit calculation.
- Built clean, modular REST APIs for invoices, customers, and transactions to ensure scalability.
- Optimized UI/UX for mobile view with auto-focus inputs, customer search, and responsive bill tables.

### BTC Customer Management System | React, Spring Boot, MySQL

- Developed a customer management and credit-tracking system for business use cases.
- Implemented CRUD operations for customers, bills, and payments, with Spring Boot REST APIs and MySQL database.
- Created a responsive React frontend for managing pending amounts, viewing complete customer history, and updating transactions.
- Followed Spring Boot best practices including layered architecture, DTOs, service layer validation, and repository pattern.

## INTERNSHIP

<b>Probitus   Frontend Developer</b>	Aug 24 -Oct 24
• Maintained and improved the company's main website, ensuring responsive design and smooth user experience. • Optimized UI components, fixed production bugs, and enhanced page performance. • Collaborated with cross-functional teams to update content, improve layouts, and deliver modern UI improvements.	

## CO/EXTRA-CURRICULAR ACTIVITIES

- NSS Volunteer
- Volunteer (TCET student development and welfare)