

# Shubh Zatakia

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LinkedIn

Github

## Education

**Shah and Anchor Kutchhi Engineering College**

Bachelor of Engineering (BE), Information Technology (GPA: 9.38 / 10.00)

2020 - 2023

Mumbai, India

## Technical Skills

**Languages:** C++, Python, Java, JavaScript, PHP, HTML, CSS, Dart

**Technologies/ Framework:** React.js, Node.js, Express.js, Redux, Laravel, AWS, Flutter, Git

**Database:** MySQL, Firebase, MongoDB, Redis

## Experience

### Peer Connexions

Jun 2023 – Present

*Software Developer*

- Developed end-to-end '**Reward Balance Report**' dashboard for admin portal, leveraging **Laravel** for API creation and **React** for frontend UI design, facilitating efficient management of users' earned reward points.
- Implemented **Multi-Factor Authentication (MFA)** using **Google Authenticator** in **Laravel** for the admin portal, enhancing security and user authentication
- Collaborated with the development team to **upgrade** all **React dependencies** to their latest versions, resolving associated issues, and successfully transitioning the project from **React 16 to React 18**.
- Introduced **server-side excel generation** using **Laravel's Maatwebsite-Excel** package in all the existing dashboards. Implemented **server-side pagination**, enhancing performance by **30%**.
- Implemented **email address verification** using **Bouncify**, reducing incorrect or undeliverable email addresses by **20%**.

### Peer Connexions

Jun 2022 – May 2023

*Software Engineer Intern*

- Refactored **class-based components** to **functional components** using **React hooks**, resulting in cleaner code, **improved performance**, and enhanced maintainability
- Worked on **data merging scripts** using **MySQL** and **Python** to merge database tables from multiple countries, **managed foreign key references under JSON data columns** in **MySQL**.
- Performed **JMeter API load testing** to identify and address performance bottlenecks in critical APIs, leading to a **15% improvement** in overall system responsiveness.

### Think Monk

Jul 2021 – Mar 2022

*Flutter Developer*

- Developed a comprehensive **College Intelligence application** using **Flutter**, replicating an existing Android app for enhanced cross-platform functionality and user accessibility.
- Integrated over **40+ API endpoints** into the **Flutter application**, enabling seamless **data retrieval** and **interaction** with various **backend services**.

## Projects

### Inventory Management System | React, Redux, Laravel

- Spearheaded the development of an intuitive and efficient **inventory management system** using **React.js** and **Laravel**, with **Redux** for state management.
- Implemented secure **user authentication** via **Laravel Passport** and developed comprehensive **CRUD** functionality for efficiently manage products within the inventory system.

### Bob The Builder | Flutter, Dart, Firebase, Raspberry Pi

- Created a **Flutter** application enabling builders to visualize their working sites on a map interface.
- Developed an embedded **RFID** attendance system for workers, enhancing attendance tracking efficiency.

## Achievements & Leadership

- Winner(2nd place) Line of Code 4.0 Hackathon** organised by DJ Sanghvi College of Engineering (ACM).
- Ranked Top 10 in CodeShastra**, a national-level hackathon organized by DJ Sanghvi College of Engineering (CSI).
- Event Head for Multitech Hackathon**, which was the first ever 24hrs hackathon in Maharashtra at Diploma level.

## Certifications

- AWS Certified Solutions Architect – Associate** (in progress) Expected completion: October 2024