

Shubh Zatakia

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📁 Professional Experience

Software Developer, *Peer Connexions*

06/2023 – present

- 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 **email address verification service** within the CSR module using **Bouncify** to check whether emails are deliverable.
- Implemented **Multi-Factor Authentication (MFA)** using **Google Authenticator** in Laravel for the admin portal, enhancing security and user authentication.
- Introduced **server-side excel generation** using **Laravel's Maatwebsite-Excel** package in all the existing dashboards. Implemented **server-side pagination**, enhancing performance by **30%**.
- 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**.

Software Engineer Intern, *Peer Connexions*

06/2022 – 05/2023

- 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.
- **Automated 12+ modules** using **Selenium** with **Java**, resulting in increased efficiency and reliability of testing processes within the system.
- Performed **JMeter API load testing** to identify performance bottlenecks in critical APIs, leading to a **15% improvement** in overall system responsiveness.

Flutter Developer, *Think Monk*

07/2021 – 03/2022

- Developed a **College Intelligence Application** using **Flutter**, replicating an existing Android app.
- Integrated over **40+ API** endpoints into the **Flutter application**, enabling seamless **data retrieval** and **interaction** with various backend services.

🧠 Skills

Technical Skills:

C++, Java, JavaScript, Python, PHP, HTML, CSS, Dart

Technologies/ Framework

React.js, Node.js, Express.js, Redux, Laravel, AWS, Flutter, Git

Database

MySQL, MongoDB, Firebase, Redis

🎓 Education

B.E. in Information Technology,

Shah and Anchor Kutchhi Engineering College

2020 – 2023 | Mumbai, India

CGPA: **9.38/ 10.00**

Diploma in Information Technology,

SVKM's Shri Bhagubhai Mafatlal Polytechnic

2017 – 2020 | Mumbai, India

Graduated with **91.33%**

📁 Projects

Inventory Management System

- 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.
- **Technologies Used:** React, PHP, Laravel, Redux, MySQL

Bob The Builder - A construction management app

- Created a **Flutter** application enabling builders to visualize their working sites on a map interface.
- Developed an embedded **RFID** based attendance system for workers, enhancing attendance tracking efficiency.
- **Technology Used:** Flutter, Dart, Firebase, Raspberry Pi

Kisan Seva - A helping hand to farmers

- Developed a **Flutter** application enabling farmers to **monitor** crop health, **current weather**, and **humidity**, as well as water levels in the crop.
- Integrated reminder features for sprinkler to optimize irrigation scheduling and crop maintenance.
- **Technologies Used:** Flutter, Dart, Firebase, Raspberry Pi

🏆 Achievements & Leadership

Runner Up in LOC 4.0 Hackathon 2022

Secured 2nd position in LOC 4.0 Hackathon held by DJ Sanghvi College(ACM)

Top 10 in CodeShastra Hackathon 2022

Among the top 10 teams in CodeShastra which is the national level Hackathon held by DJ Sanghvi College(CSI)

Event Head for the MultiTech Hackathon 2020

Organised first ever 24 hours Hackathon in Maharashtra at Diploma Level

📄 Certificates

AWS Certified Solutions Architect – Associate

AWS Certified Solutions Architect – Associate (in progress)

Expected completion: October 2024