

## **Matthew Panachamoottil Eapen**

**Contact. No:** +91 8951920186

**Email:** mthwepn@gmail.com

**Address:** Kammanahalli, Bengaluru

**LinkedIn:** linkedin.com/in/matthew-eapen

Driven and detail-oriented undergraduate with a solid academic foundation in [Bachelor in Computer Applications]. Brings strong foundational expertise in [programming, debugging, database management], supported by practical experience gained through academic projects and internships. Proficient in utilizing tools such as [MySQL Workbench, MongoDB, Github, IntelliJ IDEA], with outstanding abilities in communication, collaboration, and problem-solving. Enthusiastic about leveraging academic learning in practical business settings and eager to make a positive impact on organizational objectives.

## **Education**

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### **Kristu Jayanti College, Bengaluru, Karnataka, India**

- Bachelors in Computer Applications – 2023 - at present

### **Indian School Bahrain, Isa Town, Bahrain**

- High School, PCMC - 2021-2023

## **Experience**

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### **Backend Intern**

Kristu Jayanti Software Development Centre, Bengaluru

June 2025 – July 2025

- Learned to create API with Java and Vertx with MongoDB as Database.
- Used Postman for API testing and enforced JWT tokens, also used SMTP to send E-mails to users.
- Created a group project about storing question papers as PDF in database.

## **Projects**

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### **QVault (Group Project)**

- It is website for students of the college to get previous year question papers, frontend made using HTML, CSS and Angular and backend made using Java and MongoDB while using Vertx for the API.
- Being part of the backend, I integrated functions for the librarians to be able to upload PDFs of question papers, to return the requested set of question paper that match the search criteria.
- Integrated a forgot password feature where it would send an Email to the user with a password reset token using SMTP.
- Wrote functions for bookmarking question papers so that students can access question papers they use frequently quicker.
- Used postman for API testing MongoDB Atlas for Database.

### **Easy-Medicine (Solo Project)**

- A Pharmacy management system, developed using VB.Net as the front end and MySQL as the back end.
- It has 2 users the cashier and pharmacist, who is in control is decided by the logged in user.
- A very easy to use UI to do the necessary tasks for the smooth functioning of a pharmacy. Capable of adding, editing, and deleting data.
- It has a Billing system for taking and processing orders of the customers. Can track and update the inventory as the sales take place.
- Can create reports on the monthly sales or inventory based on certain search criteria's.

## School Management System (Group Project)

- Developed using Python as the front end and MySQL as the back end.
- Consisted of multiple tables to keep track of the multiple streams offered by the school and details of the Students and Teachers.
- Added functionalities such as adding, editing and deleting the data present in the database.

## Certifications

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- **Salesforce Administrator Explorer** – NASSCOM ER&D Industry
- **Digital Engineering** – NASSCOM ER&D Industry
- **AWS Academy Cloud Security Foundations** – AWS Academy
- **Introduction to MongoDB** – MongoDB
- **Learnathon Certificate of Participation** – ICT Academy

## Skills

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| • Java   | • MongoDB |
| • Python | • VB.Net  |
| • MySQL  | • C       |