

Bibin Vincent

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Summary

Results-driven **Software Engineer** with expertise in **application architecture, scalable backend development, and full-stack engineering**. Experienced in designing **microservices-based solutions, event-driven architecture, and system integrations**. Strong problem-solving skills and ability to collaborate with cross-functional teams to develop high-performance, secure applications. Passionate about **technology evaluation, system design, and cloud-native application development**.

Skills

Programming Languages: Python, JavaScript

Framework React JS, Node, Express JS

Databases MySQL, MongoDB

Web Technologies HTML, CSS

Other Skills: REST APIs, Data Structures and Algorithm, Problem Solving

Work Experience

Amrita Technologies, Kollam

Feb 2024 - Present

Software Engineer Trainee

- Assisted PACS VNA installers, automating deployment and reducing manual configuration.
- Contributed to technical documentation and troubleshooting guides to streamline system management.
- Participated in knowledge sharing and training sessions to improve team expertise in PACS systems.
- Worked on migration on PACS database from MySQL 5.0 to 5.7.35, ensuring smooth transition and data integrity.
- Worked on development of 3D Curved MPR feature in OHIF for enhanced medical image visualization.
- React.js, JavaScript, RestAPI, MySQL, PACS, Configuration and Problem Solving, Java

Education

Master of Computer Applications

Aug 2022 - Jun 2024

Saintgits College of Engineering, APJ Abdul Kalam Technological University

CGPA: 7.29/10

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, System Design, Cloud Computing, Test-Driven Development

Bachelor of Computer Applications

Jun 2019 - Jun 2022

Musaliar College of Arts and Science, Mahatma Gandhi University

CGPA: 8.28/10

Relevant Coursework: Backend Development, Algorithms & Problem Solving, Web Technologies, REST API Development

Project Work

- **Weather Wise:** Built an IoT-based weather monitoring system using React.js, Flask, and NoSQL(Firebase) integrating real-time data processing, and predictive analytics for efficient weather insights.
- **Learning Management System:** Built an E-learning platform using Python Django with a SQL-based relational database (MySQL)
- **Animal Healthcare System:** Designed a veterinary service management system using Python (Django), incorporating scalable backend architecture, API-driven development, and problem-solving algorithms for optimized healthcare workflows.
- **Waste Management System :** Designed a waste collection and disposal system using JavaScript, PHP, and MySQL, integrating QR-based tracking and analytics for efficient waste management.

Internship

- Completed one month internship on react.js at Techmindz Kochi from 03-07-2023 to 04-08-2023
- Completed one month internship on Web Development at Learnovate Ecommerce from 13-07-2021 to 12-08-2021

Certificates

- Data Analytics Using Python - IIT Roorkee
- Web Development Basics 2 month Bootcamp certificate by Gtech Mulearn