

# Febin P Biju

Btech  
Computer Science and Engineering  
TKM College Of Engineering, Kollam

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GitHub Profile  
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## EDUCATION

- **TKM College Of Engineering, Kollam** 2020-2024  
Btech in Computer Science and Engineering 8.88/Percentage: 88.8
- **Chavara Public School, Pala** 2018-2020  
Central Board of Secondary Education, New Delhi 9.5/Percentage: 95

## EXPERIENCE

- **Opsyn Technologies Private Limited** May 2023 - June 2023  
Software Developer Intern Trivandrum
  - Develop quality Mobile applications using React Native and SQL Lite
  - Maintain the quality of the code during the development process.

## PERSONAL PROJECTS

- **Hestia 24 Website**  
Part of the frontend team that developed the website for our college's Techno-Cultural Fest, incorporating features such as Google authentication, profile updation, payment gateway integration, and event registration.
  - Tools & technologies used: React, TailwindCSS, Netlify
- **Peer To Peer Energy Trading System in Microgrids Using Machine Learning and Blockchain**  
This project enhances residential energy management by optimizing peak demand and distributed energy resources (DERs). We developed a P2P energy trading platform using blockchain and machine learning for fair, predictive energy distribution. Benefits include reduced energy costs, efficient resource use, and increased community engagement in energy conservation.
  - Tools & technologies used: React, Flask, Lstm Model, Solidity, Ethereum Blockchain
- **JobMatchU**  
Helping students find part-time jobs and connecting businesses with eager workers effortlessly.
  - Tools & technologies used: React, Django, PostgreSQL, TailwindCSS, Netlify, Railway
- **Hestia 23 Website**  
Was part of the backend team developing the website for hestia -Techo-cultural fest of our college.
  - Tools & technologies used: Django, PostgreSQL
- **IEI TKMCE Official website**  
A website developed to display the events organised by the club
  - Tools & technologies used: ReactJS, Tailwind

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C, C++, Javascript, Python  
**Developer Tools:** VS Code, Git, Npm, Postman  
**Frameworks:** ReactJs, NextJs, React Native, Django  
**Cloud/Databases:** MySQL, PostgreSQL  
**Areas of Interest:** Web development, App development

## POSITIONS OF RESPONSIBILITY

- **Technical Lead, IEI CSE TKMCE** October 2022 - June-2023
- **Cordinator, CodeBreak, Online coding competition** 17th December 2022
- **Cordinator, Pyweek, A week long python session** 4th April 2023- 17th April 2023
- **Volunteer, Hack4TKM, hackathon** 1st December 2021- 3rd December 2021

## ACHIEVEMENTS

- **Runner Up in Kraftnight** A hackathon organised as part of national level techno cultural fest 28th April 2023