Bijin B James

bijinbjames@gmail.com | linkedin.com/in/bijinbjames | github.com/bijinbjames | bijin.vercel.app

EDUCATION

UKF College of Engineering and Technology, APJ Abdul Kalam Technological University	B.Tech Computer Science	**2019 - Current**
TKM Higher Secondary School, Kerala Board	12th - 85%	**May 2017**
Auxilium ICSE School	10th - 80%	**May 2017**

TECHNICAL SKILLS

Languages/ Platforms: C, C++, Python, Java, Linux, GCP, AWS, Azure, Data Structures and Algorithms, Machine Learning, JavaScript, Git, MySQL, Node.js, Solidity, MERN Stack Development, Arduino.

WORK EXPERIENCE

Boolokam TV | Senior Backend Engineer   **Aug'20 - Sep'22**

- Played a pivotal role as a collaborative force in the development of the Boolokam.tv OTT platform, effectively serving a global user base.
- Achieved a **70% increase** in platform performance through efficient **server management and optimization**.
- Implemented **advanced video quality switching algorithms**, significantly reducing **video transcoding costs**.
- Utilized cutting-edge **AWS services**, including **Lightsail, Amazon EC2 and S3**; to implement the OTT platform.

Innovation Incubator Advisory Pvt. Ltd | Software Intern   **Nov'21 - Feb'22**

- Contributed to the development team in creating a user-friendly and dynamic interface for **1000x.club**.
- Assisted in **debugging and troubleshooting** frontend issues, ensuring **smooth functionality and user experience.**
- Gained practical experience in working with React JS libraries and frameworks, such as **Redux** and **React Router**.

Freelancer | Software Developer   **May'20 - July'21**

Developed and delivered multiple websites, including:

- **pauloroid.world** (an artist's portfolio website), and
- **wekonnekt.co** (a professional networking platform), showcasing expertise in frontend development, responsive design, cross-browser compatibility, and agile project management.

PROJECTS

Polyfund: Crowdfunding Platform Powered by Ethereum Blockchain | Final Year Project   **June 2023**

- This project leverages blockchain technology, to provide enhanced security and transparency to crowdfunding**.**
- Developed a smart contract system for crowdfunding campaigns on the **Ethereum blockchain** using **Solidity**.

EKTHA 23': College Techno-cultural fest's official website   **May 2023**

- **Designed and developed** a dynamic college techno-cultural website, to **handle event registrations, ticket generation, and payment processing**, ensuring data integrity and security.
- Implemented college techno-cultural website, resulting in a **40% increase in ticket sales** and **60% website traffic growth within three days of launch**, enhancing event visibility.

PhoneBot: Transforming Smartphones into Intelligent Robots   **Dec 2022**

- Demonstrated the capabilities of a **cost-effective robot car body, powered by a smartphone** through successful person following and **real-time autonomous navigation** using **TensorFlow Lite** infrastructure.

ADDITIONAL INTERESTS

- Chairman, CSE Dept, UKFCET   - Sub Junior Mr. Kollam 2019 Bodybuilder