

# BEJOY JBT

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## Education

<b>Master of Computer Applications</b>   CGPA-8.47 PSG College of Technology	Aug 2024 – June 2026
<b>Bachelor of Science</b>   CGPA-8.66 Loyola College (Autonomous)	Aug 2021 – April 2024
<b>Higher Secondary Schooling</b>   94.32% Sree Krishna Matric Higher Secondary School	June 2020 – May 2021

## Projects

**Connect Verse** - Social Media Web App | React.js, Node.js, Express.js, MongoDB, Socket.IO, JWT, Postman [Github](#)

- Engineered secure user authentication and implemented real-time chat using **Socket.IO**, resolving **race conditions** and ensuring message consistency.
- Designed a modular backend architecture with **Express.js** and **MongoDB**, optimizing query performance and reducing API response time by 40%.
- Integrated scalable data structures and efficient RESTful APIs, supporting thousands of concurrent users with **minimal latency**.

**Electric Vehicle Management System** | React.js, Bootstrap5, PHP, MySQL, Apache (XAMPP), RESTful APIs [Github](#)

- Built a responsive and intuitive frontend with React.js and HTML, improving user navigation **efficiency by 35%** for exploring EV incentives and sharing reviews.
- Designed a normalized SQL database (**3NF**) with foreign key constraints to ensure relational integrity across 150+ records, linking users, vehicles and charging stations.
- Engineered RESTful APIs with Express.js, **achieving <200ms response time** and seamless CRUD operations across 20+ endpoints.

## Internship

**IT Technical Support Intern** Dec 2023 – Jan 2024

- Provided technical assistance and troubleshooting to 50+ employees, ensuring smooth IT operations with minimal downtime.
- Resolved 80+ technical issues, including software glitches and hardware malfunctions, reducing incident resolution time by 25%.
- Utilized a ticketing system to manage and resolve 95% of incoming requests within SLA targets.

## Skills

**Languages & Frameworks:** C, Java, Python, HTML5, CSS3, JavaScript, Php, TypeScript, React.js, BootStrap5, Node.js, Express.js, CI / CD

**Database:** MySQL, MongoDB, Firebase

**Tools and Technologies:** VS Code, IntelliJ, Android Studio, Postman, GitHub, Versal, Figma, Linux

## Certifications & achievements

- Sports Secretary of the department (2023-2024)
- Machine Learning Specialization - DeepLearning.ai
- Innovation Through Design - University of Sydney
- Technical support Fundamentals - Google
- Excel skills for Business: Essentials - University of Macquarie
- Foundation of UX design - Google
- Start the UX design process - Google