

# Tomin Biju

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## PROFESSIONAL SUMMARY

Detail-oriented and resourceful final-year B.Sc. Computer Science and Statistics student with strong foundations in **Python, SQL, R, and data visualization**. Experienced in **web development** and **data analysis**, with practical exposure to **dashboards, statistical modelling, and application development**. Skilled at translating complex information into clear insights through **analytics, structured thinking, and storytelling**. Committed to delivering high-quality outcomes through **collaboration, adaptability, and continuous learning** in dynamic environments.

## EDUCATION

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|---|-------------|
| Christ (Deemed to be University), Bangalore, Karnataka<br>Bachelor of Science in Computer Science and Statistics<br>Aggregate: 67.72% | [2023-2026] |
| SFS Public School & Junior College, Kottayam, Kerala<br>Class XII (PCMC) - Percentage: 91.4%  | [2021-2023] |
| Mary Mount Public School, Kottayam<br>Class X - Percentage: 92.8%   | [2015-2021] |

## SKILLS

- **Programming & Data:** Python, R, Java, SQL
- **Data Visualization:** MS Excel, Power BI, Tableau, Word, PowerPoint
- **Data Science Fundamentals:** Data Analysis, Machine Learning Basics, Data Cleaning
- **Web Development:** HTML, CSS, JavaScript, PHP, Kotlin
- **Concepts & Tools:** DBMS, Statistical Modelling, Regression, Time Series, AI, Cybersecurity
- **Soft Skills:** Analytical Thinking, Problem-Solving, Communication, Collaboration, Leadership Skills, Attention to Detail

## WORK EXPERIENCE

### Software Development Intern – Mantle Solutions Pvt Ltd, Infopark

Mantle Solutions Pvt Ltd, Kochi, Kerala

[May 2024 – June 2024]

- Developed **3+ responsive web modules** using HTML, CSS, and JavaScript, improving client site load time by **20%**.
- Collaborated with a **team of 5 developers** in Agile sprints, ensuring **100% on-time delivery** of assigned features.
- Assisted in **translating 5+ business requirements into functional technical solutions**, aligning deliverables with specifications.
- Conducted workflow analysis that improved **process efficiency by 15%**, aligning with **enterprise system integration** practices.
- Gained exposure to **end-to-end delivery in SDLC (design, testing, deployment, maintenance)**.

## ACADEMIC PROJECTS

### Kerala Floods (2018–2025): A Statistical Study on Change, Resilience & Preparedness

- Conducting an in-depth **statistical study on community preparedness, infrastructural changes and resilience strategies** in Kerala following the 2018 floods.
- Analyzed **200+ survey responses** with Chi-square, Logistic Regression and ANOVA.
- Applied **Chi-square tests, Logistic Regression, ANOVA** and **Correlation Analysis** to evaluate insurance adoption, government response satisfaction and community trust.
- Designed a **Preparedness Index integrating behavioral, infrastructural and policy indicators** to measure community-level resilience.
- Generated **data-driven insights and policy recommendations** to strengthen **disaster management, public policy frameworks** and **grassroots resilience initiatives**.

### Bank Management System

- Built a mobile app handling **4+ core banking operations** (account creation, deposits, withdrawals, balance inquiry).
- Designed **6+ user interface screens** ensuring seamless customer experience and **30% faster navigation**.
- Applied OOP principles to manage modular functionality, improving **code reusability by 25%**.

## CERTIFICATIONS

- Career Essentials in Data Analysis – Microsoft + LinkedIn
- Python for Data Science and ML Bootcamp – Udemy
- Data Visualization with Power BI – Great Learning
- E-Business – SWAYAM

## ADDITIONAL INFORMATION

- **Event Coordinator, Indo-Korean Cultural Exchange:** Led logistics and vendor coordination for inter-cultural events.
- **Blossoms (Intradeanery cultural fest):** Coordinated logistics for **3+ events** and assisted in tech workshops with **100+ student participants**.
- Represented department in **Pedagogic League (Football & Table Tennis):** showcasing leadership and teamwork.
- **Strong analytical and problem-solving skills** with a focus on scalability and performance optimization