Benjamin Sebastian

MCA

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Date of birth: 16-03-2004

ACADEMIC PROFILE

Qualification	Institution	Board/University	Percentage	Year of Completion
MCA	K J Somaiya Institute of Management	Somaiya Vidyavihar University	Appearing	2026
B.Sc EC	Aquinas College	Mahatma Gandhi University	75.17	2024
HSC	T. D. H. S. S	Board of Higher Secondary Education, Kerala	79.41	2021
SSC	Shree Sai Vidya Peedhom	Central Board of Secondary Education	77.4	2019

PROJECTS DEVELOPED

Project Name	Platform	Description
Prakriti AyurSensora-AI Nebulizer (work-in-progress).	Java, Spring, Embedded C, MySQL, IoT.	**Patent**-applied IoT Kiosk that uses machine learning (88.5% accuracy) on 40+ human traits to predict Ayurvedic Prakriti and deliver personalized aroma, visual, and musical therapies autonomously.
Canteen Android App.	Android studio, Java, Firebase.	Developed a mobile app for KJ Somaiya Institute of Management faculty to order food in campus, allowing menu browsing, cart management, and easy order placement in real-time.
Stick2Diet.	Java, Spring, Hibernate, MySQL, JSP, CSS.	Built a diet tracking app which enables personalized nutrition management by allowing users to create, choose diet plans, log meals and helps in progress tracking.

TECHNICAL SKILLS

Languages	Java, Python, JavaScript, C, PHP.
Frameworks	Spring Boot, Hibernate.
Machine Learning & BI	OpenCV, Transformers, Power BI, Tableau(basics), Advanced Excel(basics).
Databases	MySQL, Firebase, Oracle.

PUBLICATIONS

Publication	Journal
An Overview on Quantum-Driven Machine Learning.	Aquinas Journal of Multidisciplinary Research, April 2024.
IoT-Based Intelligent Care System.	JETIR, Volume 11, Issue 4, ISSN-2349-5162, April 2024.
Smart Stethoscope for Predictive Health monitoring.	GIS Science Journal, VOLUME 11, Issue 4, ISSN-1869-9391, April 2024.
EcoPurify Oil Management System.	IRJMETS, Volume 06, Issue 4, e-ISSN- 2582-5208, April 2024.
Crop-Optimized Greenhouse Control System.	IJAREEIE, Volume 13, Issue 4, e-ISSN: 2278 – 8875, April 2024.

CO-CURRICULAR ACTIVITIES

- Awarded **Runner-Up** in the National-Level Project and Paper Presentation Competition "PRAKALPA 25" organized by KJSSE.
- Served as **Resource Person** for the "NextGen Tech Camp 2025" – conducted AI & Robotics workshops at Aquinas College, Kerala.
- Secured **First Prize** for Best Final Year B.Sc Project at Sacred Hearts College, Kerala (2024).
- NCC B & C Certificate holder.
- Certifications: Supervised Machine Learning: Classification, Regression, Frontend Web Technologies.

SOFT SKILLS

- Continuous Learning, Leadership, Multitasking, Communication, Problem Solving, Adaptability, Time Management, Analytical Thinking.

AREAS OF INTEREST

- **Hobbies**: Reading, Cooking, Music, DIY Electronics, Gardening, Origami.
- **Languages known**: English, Hindi, Malayalam.