

TIGIN TOM

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CAREER OBJECTIVE

MCA student with a strong foundation in full-stack development, machine learning, and cybersecurity. Experienced in building real-world applications using Python, Django, React, and Flask, with additional exposure to ML models, penetration testing, and system tools. Eager to join a tech-driven company where I can solve real-world problems, contribute to innovative projects, and continuously grow as a developer.

EDUCATION

Master of Computer Applications <i>Marian College Kuttikkanam (Autonomous)</i>	<i>Expected 2026</i> CGPA: 8.7 / 10
Bachelor of Computer Applications <i>BVM Holy Cross College, Cherpunkal</i>	<i>2021 – 2024</i> CGPA: 7.08 / 10
Higher Secondary Education (Plus Two) <i>ST Peter's Higher Secondary School, Elanji</i>	<i>2019 – 2021</i> Percentage: 82.9%
Secondary School Education (10th) <i>Technical High School, Elanji</i>	<i>2019</i> Percentage: 87%

TECHNICAL SKILLS

Languages:	Python, Java, C, C++, JavaScript
Web Technologies:	HTML, CSS, React.js, Node.js, Express.js
Frameworks & Libraries:	Django, Flask, FastAPI, Streamlit, scikit-learn, TensorFlow
Databases:	MySQL, MongoDB, PostgreSQL
Tools & Platforms:	Git, GitHub, VS Code, Postman, Linux
Cybersecurity Tools:	Kali Linux, Wireshark, Burp Suite

SOFT SKILLS

Skills: Adaptability, Problem Solving, Persistence, Team Collaboration, Time Management, Communication, Critical Thinking, Self-Learning

CERTIFICATIONS

- **Data Analysis with Python** – freeCodeCamp, 2025
- **Responsive Web Design** – freeCodeCamp, 2025
- **Agentic Prompt Engineering** – UiPath, 2025
- **Build Your First Agent with UiPath Studio Web** – UiPath, 2025
- **Excel Automation with the Modern Experience in Studio** – UiPath, 2025
- **Introduction to Agentic Automation** – UiPath, 2025
- **PDF Automation in Studio** – UiPath, 2025
- **Machine Learning with Python (ML0101EN)** – IBM via Cognitive Class, 2024
- **Prompt Engineering for Everyone** – Cognitive AI, 2024
- **Python + Android Development** – Corezone Solutions, 2024
- **Instagram Clone using HTML, CSS & JavaScript** – Devtown, 2023

- **Python for Beginners** – *Simplilearn*, 2024
- **Red Hat System Administration I (RH124)** – *Red Hat*, 2025
- **JavaScript and React.js – A to Z** – *Devtown*, 2023
- **CSS and JavaScript Crash Course** – *Udemy*, 2024
- **Computer Hardware Basics** – *Cisco Networking Academy*, 2023
- **Introduction to C Programming** – *Sololearn*, 2024

ACADEMIC PROJECTS WITH INDUSTRY MENTORSHIP

M Health App (Main Project)

Jan 2024 – Mar 2024

Corezone Solutions, Kottayam

- Developed a cross-platform health tracking system using **Python (Flask)** for backend and **Android Studio (Java)** for mobile.
- Included features like **real-time chat**, emotion tracking, personal notes, and mentor monitoring.
- Built modular role access for **User, Mentor, Admin** with activity logs and mentorship pairing.
- Focused on mental health awareness and digital therapy support.

Cinema Reservation System (Mini Project)

Jun 2023 – Aug 2023

RISST Technologies, Kerala

- Designed an online ticket booking system using **PHP, HTML, CSS, JavaScript, SQLYog**.
- Developed modules for: **User, Producer, Director, Actor, Distributor, Production Controller**.
- Enabled movie browsing, scheduling, and booking.

PROJECTS

E-Vote Hub [GitHub]

Academic Project – Real-time Voting Platform

- Developed an online voting system using **Python (Django), HTML, CSS, JavaScript**.
- Defined user roles: **Admin, Student, HoD, Presiding Officer**.
- Enabled nomination handling, secure login, and ballot-style voting.

Predictify [GitHub]

ML-Based Web App

- Built a web app with 5 real-time ML models using **Python, Flask, scikit-learn**.
- Models: **SLR** (House Price), **MLR** (Salary), **Polynomial Regression** (Weather), **KNN** (Fruit), **Logistic Regression** (Diabetes).
- Integrated user-friendly UI with form inputs.

MindBlog [GitHub]

Personal Blogging Platform

- Developed a full-stack blogging system using **Django**.
- Users can register, log in, post blogs (CRUD), and comment.
- Admin dashboard supports moderation and blog management.

Desk Delight [GitHub]

Academic Project – E-commerce Site

- Created an online store using **Django, HTML, CSS, JavaScript**.
- Implemented product listings, cart system, search, and checkout.
- Focused on minimal and responsive UI.

EXTRA-CURRICULAR ACTIVITIES

- Presented a research paper titled *The Role of AI in Ensuring Sustainability in Spacecraft Operations* at the National Seminar 2025 on “Ethics and Business for a Sustainable World,” Marian Institute of Management.
- Conducted a Python workshop for first-year CSIT students at Devi Vilasom VHSS, Kottayam — included hands-on activities and fundamentals.

WORKSHOPS & WEBINARS ATTENDED

- Participated in the **Professional Career Counselling** webinar by Elewate — focused on academic guidance and industry readiness.
- Attended the **Generative AI Studio – Introduction** session by Simplilearn — covered core generative AI tools.
- Joined the **JavaScript Zero to Hero** live webinar by LetsUpgrade — covered JS basics, DOM manipulation, and beginner projects.