Aaron Savio Cardozo

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Summary

Tech enthusiast with a solid foundation in computer science and hands-on experience in UI/UX design and full-stack development. Skilled in HTML, CSS, Java, JavaScript, C++, C, SQL, and Android Studio, with knowledge of Agile practices and Selenium testing. Passionate about building user-friendly digital solutions and contributing to innovative, impactful projects through strong collaboration and problem-solving.

Education

Masters in Computer Application   Aug 2024 – Jul 2026
AIMIT, Mangalore   *CGPA: 8.40/10*

Bachelors in Computer Applications   Nov 2021 – Jul 2024
Rosary College of Commerce And Arts,Navelim-Goa   *CGPA: 8.05/10*

Projects

Restaurant Website   July, 2025
Static Website with Interactive UI   **GitHub:** Source Code

- Built a responsive multi-page website with sections for menu, about, contact, and reservations.
- Added interactive features like dynamic navigation, hover effects, and image galleries using JavaScript.
- Focused on UI/UX design for an engaging user experience with clean layouts and intuitive navigation.

IoT Based Studio Automation   April, 2024
Arduino + IoT + Mobile App Development   **GitHub:** Source Code

- Automated doors, curtains, and lighting using Arduino Uno, PIR sensor, servo/DC motors, and HC-05 Bluetooth module.
- Built a mobile app (MIT App Inventor) for wireless control, featuring real-time motion detection and automation.
- Designed a scalable system with debugging via Arduino Serial Monitor and planned future IoT/voice assistant integration.

Gas-Smoke Detection System   Nov, 2024
Arduino + IoT + Web Dashboard   **GitHub:** Source Code

- Developed an Arduino-based safety system using MQ sensor, buzzer, and warning light for real-time gas/smoke detection.
- Integrated a web-based dashboard with live monitoring, historical data visualization, and customizable alert thresholds.
- Designed a scalable alert system with serial debugging, notifications, and future support for multiple gases (CO_2, LPG, methane).

Expense Tracker   In Progress
MEAN Stack Development + Progressive Web App   **GitHub:** Source Code

- Developing expense management system using Angular and MongoDB with real-time synchronization and automated categorization for enhanced financial tracking
- Building responsive PWA with Chart.js visualizations and JWT authentication, featuring offline-first architecture and cross-device compatibility

Technical Skills

Programming Languages: Python, R, SQL, MongoDB, C++, Java, JavaScript, C#

Data Engineering: Pandas, NumPy, Matplotlib, Seaborn

Web Development: HTML, CSS, .NET, React, Java Swing

UI/UX Design: User-Centered Design, Prototyping, Wireframing, Figma

Mobile App Development: Android Studio, Flutter, UI/UX for Mobile Apps

Tools & Platforms: Visual Studio Code, Git, Figma, Photoshop, Selenium

Development Methodologies: Agile (Scrum, Kanban), Waterfall, Feature-Driven Development (FDD)

Certification Courses

- **Google UX Design** – Coursera
- **Digital Skills: User Experience** – Accenture
- **UI/UX for Beginners** – Great Learning
- **GenAI for UX Designers** – Coursera
- **Course on Flutter**
- **Cyber Security Essentials** – Cisco Networking Academy
- **Artificial Intelligence Foundation Certification** – Infosys Springboard

Workshops

- **National Level Webinar: Essentials of Integration – Introduction to Mulesoft Anypoint Platform**
  Organized by Rosary College of Commerce and Arts
  Gained insights into integration techniques and the functionalities of the Mulesoft Anypoint Platform