

# TRAVIS DICKENS

## JUNIOR SOFTWARE DEVELOPER

071 575 6685 | Travis.Dickens@outlook.com | [Linkedin](#) | [GitHub](#) | [Personal Portfolio](#)

### SUMMARY

I am a junior software developer with full-stack development skills and a passion for building practical, data-driven solutions. I have experience working across front-end and back-end technologies, integrating APIs, and applying AI and machine learning concepts to real-world problems. I thrive in Agile, collaborative environments and enjoy complex problems that push my technical growth. I am particularly motivated by projects with real world impact, where I can contribute to high-quality solutions while continuously learning and improving as an engineer.

### TECHNICAL SKILLS

FRONT-END SKILLS	BACK-END SKILLS	DATABASES	Version Control	Tools and Frameworks
HTML	Java	Firebase	Git	.NET
CSS	C#	MongoDB	GitHub	Spring Boot
JavaScript	Python	MySQL		Docker
React.js	Restful APIS	Azure		

### PROFESSIONAL EXPERIENCE

#### AI/ML Learnership - Forvis Mazars

Aug 2025 – Present

As part of an AI/ML learnership within the Innovation & Technology Hub under the IT Audit department, my role involves:

- Building and studying AI/ML models that support innovation in audit and business solutions.
- Contributing to internal software development projects that improve efficiency, automation, and data-driven decision making.
- Collaborating with cross-functional teams to integrate AI tools into business processes.
- Gaining hands on experience with Python, data analytics, artificial intelligence and machine learning.

### EDUCATION

#### IIE Varsity College (2022 - 2024)

Bachelor of computer and information sciences in application development (Graduated with distinction)

#### Marburg Secondary School (2017 - 2021)

National Senior Certificate

### COURSES

[Software Engineer](#) - HackerRank (April 2025)

[JavaScript Essentials II](#) – Cisco Networking Academy (April 2024)

[Introduction to cybersecurity](#) – Cisco Networking Academy (February 2024)

[JavaScript Essentials I](#) – Cisco Networking Academy (February 2024)

## PROJECTS

### Real-Time Stock Market Analyzer

**Java (Spring Boot), JavaScript, HTML/CSS, RESTful API**

- A full-stack dashboard that displays real-time candlestick charts and performs technical analysis on market data.
- Has a pattern detection feature (Doji, Engulfing, Hammers, Morning/Evening Stars) and an algorithmic signal generator using moving average crossovers.
- Includes a watchlist system with search options and dynamic chart rendering, multiple timeframes, and responsive chart UI powered by LightweightCharts.
- Backend is built with Spring Boot serving OHLC data via REST APIs, with asynchronous updates and loading states for a smooth user experience.

### NGO Website and App

**ASP.NET, C#, Firebase, SMTP, Zapper API, Kotlin**

- A website and mobile app designed to facilitate event management, volunteer applications, and donations for an NGO.
- Allows users to apply for volunteer opportunities, view past events and testimonials, donate securely via Zapper API or bank transfer, and contact the NGO through an integrated form.
- Enables admin to manage volunteers, events, and testimonials, with secure login via Firebase Authentication, role-based access control, and automated approval/rejection emails via SMTP Integration.