

# TRISTAN ANDREI TAMANI

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## TECHNICAL SKILLS

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**Languages:** Kotlin, HTML, CSS, JavaScript, TypeScript, Python, Java

**Frameworks:** Bootstrap, Express.js, Jetpack Compose

**Tools:** Git, Node.js, MongoDB, Supabase, Claude

## WORK EXPERIENCE

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### Big Pond Education PH

June 2025 – July 2025

Backend Developer Intern

Full-time, Hybrid

- Integrated Guardian API into RESTful endpoints to serve real-time sports news content
- Implemented JWT authentication with role-based access control
- Hardened API security against unauthorized access and cross-origin threats through middleware configuration

## PROJECTS

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### FurSight

February 2025 – Present

Kotlin, Jetpack Compose, Supabase

- Implemented dual authentication flow supporting email/password and federated Google Sign-In on mobile
- Enforced pre-signup email validation through a PostgreSQL RPC function with Row Level Security policies
- Developed pet profile CRUD operations with cloud storage and persistent session management

### Artroxel

March 2024 – May 2024

HTML, CSS, JavaScript

github.com/tristantamani/artroxel-web

- Built real-time genre filtering system using DOM manipulation and data attributes without page reload
- Implemented responsive multi-breakpoint layout using a mobile-first approach across 4 breakpoints

### Cubic Forecast

November 2023 – December 2023

Python

github.com/tristantamani/cubic-forecast

- Built a regression model to forecast monthly water consumption from historical user input data
- Developed a hybrid prediction algorithm averaging model output with user history to improve forecast accuracy

## CERTIFICATIONS

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### IT Specialist – Software Development

November 2025

Certiport – A Pearson VUE Business

### IT Specialist – HTML and CSS

October 2024

Certiport – A Pearson VUE Business

## EDUCATION

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### University of the East

2023 – 2027

Bachelor of Science in Computer Science

### FEU Institute of Technology

2022 – 2023

Bachelor of Science in Computer Science with Specialization in Software Engineering