# EDUARD JACOBUS ENGELBRECHT
## STUDENT SOFTWARE ENGINEER

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## ABOUT ME

Aspiring software engineer passionate about building impactful, intelligent systems. I value teamwork, honest communication, and learning through feedback. I aim to create purposeful solutions through modern designs.

## SKILLS

- C#
- Python
- Machine Learning
- Node.js
- HTML
- CSS
- JavaScript
- Embedded JavaScript
- Express.js
- SQL
- NoSQL
- MongoDB

## PROJECTS

| Jul 2024 | **Belgium Campus Course Selector** |
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| | A dynamic web app to explore Belgium Campus courses, with structured layouts, calendars, and downloadable study guides. Made with HTML, CSS and JavaScript. |
| Apr 2025 | **Machine Learning Inventory Management System** |
| | Python scripts implementing machine learning to forecast product demand and calculate reorder quantities for stock optimization. |
| May 2025 | **E-Commerce System** Modular NoSQL backend for an online store, built with MongoDB and Express. Includes cart logic, checkout flow, and product admin control. |
| May 2025 | **Mobile Application for Consent Forms** |
| | Flutter mobile app and Node.js backend for generating and processing medical consent forms with PDF generation and scheduling features. |

## CERTIFICATIONS

| 2025 | **AI & Machine Learning Fundamentals – O'Reilly.** |
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## EDUCATION

| 2022 | **Matric** Brits Highschool |
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| 2023-Present | **Bachelor of Computing BComp** Belgium Campus ITVersity |