# Andre Avindra

Graduate with a bachelor's degree in informatics engineering from Universal University of Batam with a GPA of 3.81. Skilled and passionate in the field of web development, especially in front-end. Motivated in front-end web development, leveraging the latest technologies. Proficient in HTML, CSS, JavaScript, TypeScript, as well as several frameworks and libraries like Tailwind CSS, React, and Next.js. Additionally, capable of creating responsive web designs and integrating RESTful APIs.

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## Education

**Universal University** Aug 2019 –July 2023
Bachelor of Computer Science in
Informatics Engineering
GPA: 3.81 / 4.00

## Relevant Experience

Develop E-commerce Website · **Universal University** April 2021 – May 2021
Web Programming Course

- Built a responsive interface using HTML and CSS for a consistent experience across various devices. Implemented dynamic interactions using JavaScript, including a real-time updating shopping cart and image zoom feature.
- Integrated PHP to handle backend logic such as registration, authentication, and order processing. Utilized MySQL to efficiently store product, order, and customer data.
- Implemented automatic inventory management that reduces stock after purchases and provides alerts when stock is running low. Provided an administrative interface to manage products, orders, and inventory through PHP technology.

Develop AI Chatbot · **Universal University** Dec 2022 – July 2023
Thesis

- Developed a chatbot for instant responses to commonly asked questions by prospective students. Built a web service using Python Flask to provide an API integrating university FAQ data, accessible from the frontend.
- Implemented a PyTorch deep learning model to comprehend and respond to questions in natural language. Integrated NLP libraries like NLTK for tokenization and stop words removal and Sastrawi for Indonesian stemming support.
- Designed a responsive frontend using React (Vite) for enhanced performance and rapid development. Conducted extensive testing and continuous improvements based on user feedback to enhance chatbot interaction quality.

## Relevant Courses

Here are some courses relevant to web development, which I have attended during college:

- Problem Solving Algorithm
- Object Oriented Programming
- Database System
- Data Structure
- Web Programming
- UI/UX

## Skills

**Programming Languages**
JavaScript, TypeScript, Python

**Frontend Development**
HTML, CSS, Sass, Tailwind CSS, React, Next.js

**Backend Development**
Node.js, Express.js

**Database**
PostgreSQL, MongoDB

**Testing**
Jest, React Testing, Cypress

**Software**
Git, Github, Netlify, Vercel, Figma, Postman, Thunder Client

## Personal Projects

**X App Clone**
This is a project for developing a clone application of X formerly Twitter, although the result may not be entirely identical to the X application. However, this application still provides a similar experience to X, where users can create accounts, log in, create tweets, interact with other users' tweets, and create communities. Built with Next.js, Tailwind CSS, MongoDB, and Clerk for authentication.

**Collosal Landing Page**
Visually stunning landing page designed for a software house company. Built with Next.js and Tailwind CSS.

**oopsum Crypto Trading Platform**
Web-3 based crypto trading platform, with real-time data provided by CoinGecko API. UI/UX slicing design from Figma, built with Next.js, TypeScript, and Tailwind CSS.