

# TENIOLA ADEYEMI

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## Education

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### University Of East London

Bachelor of Computer Science

Expected Graduation: May 2028

London, England

- Courses: Software Engineering Practice, Algorithms and Data Structures, Intro to Web Technologies

## Projects

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### Rate-Limited API Service | *Source Code*

TypeScript | PostgreSQL | Express

- Secured backend APIs and prevented abuse by implementing API key-based **authentication** and **enforcing** per-key rate limits of **1,000** requests per **15** minutes
- Persisted user state and API keys with SHA-256 hashing and timing-safe comparisons, ensuring **secure access management**
- Designed middleware for **authentication** and **authorization**, and handled errors gracefully to maintain reliable API responses

### Sketcha - AI Storyboard Maker | *Website* | *Source Code* | ReactJS | HuggingFace | NodeJS | Express | PostgreSQL

- Engaged nearly **70** users by developing an AI-powered storyboard web app that converts movie ideas into structured scripts and automatically generated visuals using **Google Gemini** and **Hugging Face APIs**
- Implemented secure user authentication with JWT tokens and rate limiting to prevent abuse, while maintaining responsive frontend interactions across desktop and mobile devices
- Designed **PostgreSQL** database with indexed tables for users, projects, and scenes to **optimize** data retrieval and manage AI-generated content **efficiently**

### Clario – AI Text Analysis Project | *Source Code* | ReactJS | CohereAPI | HuggingFace | NodeJS | TailwindCSS

- Delivered AI-powered text summarization to over **30** users by developing a full-stack web app with Cohere AI and DistilBART integration for **real-time**, educational summaries
- Implemented secure session-based authentication, with bcrypt password hashing and persistent login across browser sessions
- Enhanced user experience with responsive design, theme persistence, and real-time typing animations, while enforcing input validation and secure API access

## Technical Skills

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**Languages:** JavaScript, TypeScript, Python, SQL, HTML5, CSS

**Developer Tools:** Postman, Git, Render, Vercel, PowerShell

**Libraries/Frameworks:** ReactJS, PostgreSQL, NodeJS