

# Jourdan Ken D. Catarina

## Full Stack Web Developer and Mobile Application Developer

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### SUMMARY

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Full Stack and Mobile Developer with extensive experience in building scalable, production-ready applications across web and mobile platforms. Currently pursuing a Bachelor of Science in Computer Science at the University of the Philippines, maintaining consistent Dean's List standing. Demonstrated success in leading end-to-end mobile app development and delivering enterprise-grade systems. Proficient in React/Next.js, React Native, Express/MongoDB, and Django, with additional expertise in Supabase, n8n, and integrating AI-powered features using OpenAI APIs. Adept at designing performant architectures, managing deployment infrastructure, and ensuring seamless user experiences across platforms.

### Key Qualifications:

- Led full-cycle development of a cross-platform enterprise mobile app for CyberClinic Inc., integrating complex business logic and backend systems using React Native, Express, and MongoDB
- Developed and deployed commercial applications with advanced functionality such as e-commerce, real-time scanning, subscription management, and AI-assisted automation
- Architected and maintained full-stack systems using Next.js, Express, Django, and Supabase, ensuring high performance, scalability, and security
- Implemented workflow automation and backend orchestration using n8n to streamline processes and improve system efficiency
- Integrated OpenAI and other large language models (LLMs) into web and mobile projects to enhance functionality and deliver intelligent user experiences
- Strong academic and professional record, consistently maintaining Dean's List status (GPA: 1.45/1.0) while delivering multiple production-level applications

### WORK EXPERIENCE

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#### Cyberclinic Inc.

##### Lead Mobile App Developer

#### Granbury, Texas

February 2025 - Present

- Led the complete development of the company's cross-platform mobile application using React Native and Expo
- Built the mobile app from the ground up, replicating and integrating core features from the existing web platform, including task management, ticketing, meetings, projects, and accounting modules
- Developed and maintained backend integrations to ensure seamless data synchronization and communication with the company's existing Express.js and MongoDB backend
- Handled all aspects of infrastructure setup, app configuration, and deployment to both the App Store and Google Play Store
- Delivered a fully functional mobile app as a solo developer, achieving feature parity with the large-scale web platform maintained by a multi-developer team

#### Bitwork Solutions

#### Florida, Miami

Fullstack Web Developer and Mobile App Developer

March 2024 - March 2025

- Led development of Badge Guru, a React Native mobile app for scanning vehicle emblems and generating vector files for sticker-cutting templates
- Implemented a comprehensive e-commerce system with Stripe integration for secure payments
- Built user authentication system and profile management with secure image handling
- Developed real-time emblem scanning functionality supporting iOS and Android platforms
- Integrated subscription management system for premium features and recurring payments
- Created a robust feedback system using Mailgun for direct user communication

HQZen

Cebu, Philippines

Fullstack Web Developer

December 2023 - March 2024

- Maintained and debugged the production website, ensuring optimal uptime and functionality
- Developed workforce management features for employee assignment and operational efficiency
- Collaborated with cross-functional teams to deliver scalable solutions using Vue.js and Django
- Participated in code reviews and team synchronization for optimal solution implementation

Mind Fusion LTD

United Kingdom

Fullstack Developer

October 2021 - January 2023

- Developed and maintained a full-stack product review platform using Next.js, Express, and MongoDB
- Designed and optimized user interfaces in Figma, enhancing usability and overall user experience
- Implemented responsive and accessible front-end components with React, Next.js, and Tailwind CSS
- Built and integrated RESTful APIs with Express.js, managing data persistence and queries via MongoDB
- Ensured cross-platform compatibility and optimized performance for both mobile and desktop users

NOTABLE PROJECTS

Badge Guru

Full Stack Cross Platform Mobile Application

- Developed scanning technology for car emblems with vector file generation
- Implemented e-commerce system, user authentication, and subscription management
- Technologies: React Native, Expo, AWS, Directus CMS

[Finite Automata Visualizer](#)

Full Stack Web Application

- Created interactive visualization tool for finite automata concepts
- Built responsive interface with cross-device compatibility
- Technologies: Next.js, React, Node.js, TypeScript

[Promptopia](#)

Full Stack Web Application

- Developed platform for discovering and sharing AI prompts
- Implemented user authentication and prompt management system
- Technologies: Next.js, React, Tailwind CSS

EDUCATION

University of the Philippines - Cebu

Cebu City, Cebu, Philippines

Bachelor of Science in Computer Science

2022 - Present

- Consistent Dean’s Lister since First Year

- Contributed to multiple collaborative software projects
- Maintained academic excellence while pursuing freelance development work

**Cebu City National Science High School**

Cebu City, Cebu, Philippines

STEM Track with Research and Technology Focus

2020 - 2022

- Graduated with High Honors (GPA: 96/100)
- Consistent with High Honors since Grade 11

## SKILLS AND INTERESTS

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- **Language:** English (Professional), Filipino (Native), Cebuano (Native)
- **Hobbies:** Running, Sports, Upskilling
- **Programming Languages:** Javascript, Typescript, Python, C, C++
- **Technical Skills:**
  - **Frontend:** React/Next.js (Expert), Vue.js, Tailwind CSS
  - **Mobile:** React Native, Expo
  - **Backend:** Node.js, Django, Python
  - **Cloud & DevOps:** AWS
  - **Databases:** MongoDB, PostgreSQL
  - **Tools:** Git, Figma, Directus CMS
  - **Other:** REST APIs, Authentication Systems, Payment Integration