

# Jourdan Ken D. Catarina

## Full Stack Web Developer and Mobile Application Developer

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### SUMMARY

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Full Stack Developer with expertise in modern web and mobile development, currently pursuing a Computer Science degree at UP Cebu while maintaining Dean's List standing. Demonstrated success in developing scalable applications, including a commercial mobile app for vehicle emblem scanning and enterprise workforce management systems. Proficient in React/Next.js, React Native, and Vue.js ecosystems, with a strong foundation in both frontend and backend development.

#### Key Qualifications:

- Led development of commercial mobile applications using React Native and integrated advanced features including e-commerce, real-time scanning, and subscription management
- Experienced in maintaining and optimizing production-level applications with a focus on performance and user experience
- Strong academic foundation with consistent Dean's List achievement (GPA: 1.45/1.0) while actively engaging in professional development
- Proven track record of delivering complex projects across multiple technology stacks including React, Vue.js, Django, and AWS
- Skilled in implementing secure payment systems, user authentication, and complex state management in commercial applications

### WORK EXPERIENCE

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#### Bitwork Solutions

Florida, Miami

Fullstack Web Developer and Mobile App Developer

March 2024 - Present

- 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

Frontend Developer

October 2021 - August 2022

- Developed and maintained a software product review website

- Designed and optimized web pages using Figma for enhanced user experience
- Implemented responsive designs using React, Next.js, and Tailwind CSS
- Ensured cross-platform compatibility for mobile and desktop users

## NOTABLE PROJECTS

<b>Badge Guru</b>	Full Stack Cross Platform Mobile Application
<ul style="list-style-type: none"> <li>• Developed scanning technology for car emblems with vector file generation</li> <li>• Implemented e-commerce system, user authentication, and subscription management</li> <li>• Technologies: React Native, Expo, AWS, Directus CMS</li> </ul>	
<b><u>Finite Automata Visualizer</u></b>	Full Stack Web Application
<ul style="list-style-type: none"> <li>• Created interactive visualization tool for finite automata concepts</li> <li>• Built responsive interface with cross-device compatibility</li> <li>• Technologies: Next.js, React, Node.js, TypeScript</li> </ul>	
<b><u>Promptopia</u></b>	Full Stack Web Application
<ul style="list-style-type: none"> <li>• Developed platform for discovering and sharing AI prompts</li> <li>• Implemented user authentication and prompt management system</li> <li>• Technologies: Next.js, React, Tailwind CSS</li> </ul>	

## EDUCATION

<b>University of the Philippines - Cebu</b>	Cebu City, Cebu, Philippines
Bachelor of Science in Computer Science	2022 - Present
<ul style="list-style-type: none"> <li>• Consistent Dean's Lister since First Year</li> <li>• Contributed to multiple collaborative software projects</li> <li>• Maintained academic excellence while pursuing freelance development work</li> </ul>	
<b>Cebu City National Science High School</b>	Cebu City, Cebu, Philippines
STEM Track with Research and Technology Focus	2020 - 2022
<ul style="list-style-type: none"> <li>• Graduated with High Honors (GPA: 96/100)</li> <li>• Consistent with High Honors since Grade 11</li> </ul>	

## SKILLS AND INTERESTS

- **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