

Johnn Brachuz A. Manda

Web Developer

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Computer Engineering graduate with hands-on experience building scalable web applications using React, Next.js, Node.js, and Python. Built SaaS platforms with Redis and Kafka, skilled in database design, containerization, and cloud deployment, eager to deliver impactful full-stack solutions.

Work Experience

Software Developer Intern

Jun 2025 - Aug 2025

Cauld & Clark - IT Solutions | Remote

- Collaborated on the development of the InTicket platform, a cloud-based SaaS platform designed to streamline IT operations with automated workflows, real-time collaboration, and advanced analytics.
- Enhanced operational resilience and reduced system downtime through efficient incident management features supporting enterprise-level operations, while ensuring compliance with industry regulations.
- Built 5+ full-stack features using Next.js (TypeScript), NestJS, and GraphQL for seamless API integration, focusing on user experience and intuitive design.
- Implemented real-time messaging and notifications using Redis and Apache Kafka for scalable event-driven architecture handling concurrent user sessions.
- Containerized 3+ microservices with Docker and deployed on Vercel for production-ready environments, ensuring coding standards and usability.
- Participated in daily code reviews with senior developers, maintaining 95%+ code quality standards and resolving issues efficiently.
- Executed front-end development tasks, ensuring seamless integration with back-end systems for enhanced functionality.

Web Development Intern

May 2024 - Aug 2024

Cauld & Clark - IT Solutions | Remote

- Completed 240-hour structured web development training program focusing on modern JavaScript frameworks and full-stack development, emphasizing user experience and aesthetics.
- Developed 4+ progressive web applications including To-Do List App and Simon Says Game with full CRUD functionality, ensuring error-free performance.
- Designed and implemented user-friendly interfaces by migrating legacy apps to React and Next.js, boosting maintainability by 60% and enhancing overall user experience.
- Reduced development time by 40% through implementation of component-based architecture and reusable code patterns, contributing to efficient coding standards.
- Built responsive, visually appealing web applications ensuring optimal performance across devices and browsers, aligned with accessibility and usability standards.
- Mastered Git workflow with 50+ commits demonstrating consistent development practices and critical thinking in resolving merge conflicts.

Software Developer Intern

May 2024 - Aug 2024

DOST-SNSU WAVES Technology Business Incubator | On-Site

- Worked on business venture software solutions for technology incubator programs, applying critical thinking to resolve user issues.
- Collaborated with development teams to create software applications addressing real business needs, ensuring adherence to coding standards.

- Participated in agile development processes and gained experience in startup environment workflows, focusing on delivering user-friendly solutions.
- Contributed to multiple projects supporting local business technology initiatives, enhancing overall system usability.
- Applied strong English language skills to document code, write technical specifications, and create user guides.

Projects

School-Based Management System

Dec 2024 - Feb 2025

Developed a School-Based Management System (SBMS), a full-stack school management system using Next.js, Prisma, PostgreSQL, and Clerk for authentication.

Collaborated with university faculty to deliver intuitive, user-friendly interfaces supporting efficient academic and administrative workflows.

Core Skills

Frontend Development: React.js, Next.js, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS, Responsive Design, Web Applications, User Experience, Usability, Aesthetics, Intuitive, User-friendly

Backend Development: NestJS, Node.js, Django, RESTful APIs, GraphQL, Database Design & Modeling, Python

Databases: MongoDB, PostgreSQL, Prisma ORM, MySQL

Cloud & DevOps: Firebase, Vercel, Google Cloud Platform, Docker, Git, GitHub, Bitbucket

CI/CD & Testing: GitHub Actions, Jest, React Testing Library, Cypress, Postman API Testing, Jenkins

Development Tools: npm, yarn, Code Review Processes, Performance Optimization, Coding Standards

Message Queuing: Apache Kafka, Redis

Security & Auth: JWT, Clerk, Firebase Auth

Project Management: Jira, Agile methodologies, SDLC, SCRUM

Problem Solving: Critical Thinker, Resolve Issues, Error-Free

Education

Surigao del Norte State University – Main Campus

Aug 2021 - May 2025

Bachelor's Degree Computer Engineering

St. Paul University Surigao

Jun 2019 - Jul 2021

Senior High School Diploma STEM

Ipil National High School

Mar 2015 - Apr 2019

High School Diploma

Mabua Elementary School

Jun 2010 - Mar 2015

Elementary School Diploma

Languages

English (*Fluent*), Filipino (*Fluent*), Cebuano (*Native*)

Awards

Champion

Mar 2025

ICpEP Caraga Regional Logic Breadboarding Competition

3rd Place		Mar 2025
<i>ICpEP Caraga Regional Pitching Competition</i>		
5th Place		May 2025

Certificates

Cypress - Modern Automation Testing from Scratch + Frameworks	Jul 2025
<i>Udemy</i>	
Apollo Graph Developer - Associate Certification	Aug 2025
<i>Apollo</i>	
Postman API Fundamentals Student Expert Certification	Sep 2025
<i>Postman</i>	
Full Stack Development & Deployment (4 Projects)	Jun 2025
<i>Udemy</i>	
Responsive Web Design	Jan 2024
<i>freeCodeCamp</i>	