

# CHELSEA OKTAVIANY

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## PROFILE SUMMARY

Entry-level Full-Stack Developer with 1 year of hand-on experience through multiple internships in full-stack web development, specializing in MERN stack technologies (MongoDB, ExpressJS, React, NodeJS). Strong foundation in backend system, RESTful API development, and database management, with a passion for building scalable solutions and continuous learning.

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## WORK EXPERIENCES

### PT. Media Andalan Nusa

Back-End Developer Intern (February, 2023 - December 2023)

- Developed and maintained RESTful APIs for web and mobile applications using Node.js, Express.js, and MongoDB
- Designed and tested API endpoints using Postman, ensuring seamless integration with frontend applications
- Integrated payment gateways to enable secure online transactions
- Optimized database queries in MongoDB, improving application performance by 50%
- Collaborated with frontend developers to enhance API usability and performance

### PT. Media Andalan Nusa

Full Stack Developer Intern (November, 2022 - February, 2023)

- Built and optimized web applications using the MERN stack (MongoDB, Express.js, React, Node.js)
- Redesigned web pages using Divi Builder, improving UI/UX for better user engagement
- Learned and applied Flutter and React Native to develop cross-platform mobile applications
- Assisted in developing and deploying RESTful APIs, improving data flow between frontend and backend

### COVID-19 Response Acceleration Task Force, Jakarta

Back-End Developer Intern (June, 2020 - September, 2020)

- Developed and maintained backend functionalities for a task-force website using PHP, HTML, and CSS
  - Designed and optimized MySQL databases, ensuring efficient storage of COVID-19 case data
  - Managed data entry and engineering, maintaining data integrity and accuracy for public health tracking
  - Implemented database relationships between customers, COVID history, and locations to improve data management
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## PROJECTS

### Groovy App

Full-Stack Super Application | MongoDB, ExpressJS, ReactJS, NodeJS and React Native

- Developed a multi-service platform that enables users to purchase internet packages and redeem vouchers seamlessly
- Implemented secure payment integration with Xendit third-party payment gateway for transactions
- Designed a dynamic voucher system allowing users to redeem and track their rewards in real-time
- Built a user-friendly dashboard for managing subscriptions, purchases, and transaction history
- Optimized backend performance using MongoDB (Mongoose ORM) for handling large-scale transactions efficiently

## Inventory Management

Full-Stack Enterprise Inventory Tracker | MongoDB, ExpressJS, ReactJS, and NodeJS

- Designed and built a full-stack inventory system to manage stock levels, track orders, and automate restocking alerts.
- Utilized Mongoose ORM for efficient database operations with MongoDB.
- Created a RESTful API with Express.js for handling product, order, and supplier data.
- Developed an admin dashboard with real-time analytics and reporting tools.

## Sertifica

Digital Certificate Management | MongoDB, ExpressJS, ReactJS, and NodeJS

- Developed an admin dashboard for managing digital certificates, allowing organizations to issue, track, and verify credentials.
- Added a certification ID search feature, enabling users to find and verify their certificates easily.
- Designed a role-based access control system, ensuring secure certificate issuance and management.
- Integrated MongoDB (Mongoose ORM) for scalable storage of certificate records and user data.

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## EDUCATION

**Kalbis Institute (September 2017 - December 2021)**

Bachelor of Computer Science, Informatics

GPA: 3.71 / 4.00

**Cahaya Sakti Vocational High School (July 2014 - May 2017)**

Vocational High School, Multimedia

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## TECHNICAL SKILLS

- **Programming Languages:** JavaScript, PHP
- **Frontend Development:** HTML, CSS, React.js, React Native
- **Backend Development:** Node.js, Express.js
- **Databases:** MySQL, MongoDB
- **API Development:** RESTful APIs, Postman
- **Version Control:** Git, GitHub, GitLab
- **Tools & Platforms:** Heroku, XAMPP, Visual Studio Code
- **Other:** Payment Gateway Integration, Flutter (basic)

## SOFT SKILLS

- Problem-Solving & Debugging
- Team Collaboration & Communication
- Analytical Thinking
- Adaptability & Continuous Learning

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## CERTIFICATIONS

- HTML Essential Training – LinkedIn Learning
- Taxi App in React Native – Udemy
- Node.js, Express, MongoDB & More: The Complete Bootcamp 2023 – Udemy