



# NOVAL ALTHOFF

Software Developer / Data Analyst |  
novalth.com

## OBJECTIVE

I aim to deepen my understanding of Apple's unique approach to create innovative and seamless ecosystem. By leveraging this knowledge, I believe I will be an elite developer who can contribute to Apple, its ecosystem, and the community.

## SKILLS

I have the ability to dive into new challenges and quickly adapt, whether it's learning new technologies or taking on roles beyond my initial responsibilities. I've consistently tackled complex tasks while ensuring top-quality outcomes, which has been a constant in all my roles.

## EXPERIENCE

### **Senior Web Developer**

**Revolutie Media Tech** (Aug 2024 - Present)

Tackled complex web development challenges, always maintaining high standards in product quality.

### **Data Science Research Assistant**

**Universitas Dian Nuswantoro** (Sep 2023 - Present)

Played a key role in enhancing the educational experience for data science students by refining teaching materials to be more accessible and beginner-friendly. I also collaborated closely with a lecturer on research projects, working toward publishing a scientific article.

### **Full-stack Developer**

**Estu Lentera Teknologi** (Mar 2023 - Jul 2024)

Took on more than just web development, diving into mobile development as well, and quickly got up to speed. Managing both web and mobile projects, consistently delivered top-notch results, which save the company expenses by not hiring extra staff. My ability to handle multiple roles boosted our operational efficiency, and my cross-platform skills added real value to the team.

### **Web Developer Intern**

**Universitas Dian Nuswantoro** (Nov 2022 - Mar 2023)

It's my first professional experience as software developer, I dove into learning technologies like HTML, CSS, JavaScript, PHP, and Laravel Framework. I also got valuable experience working as part of a software development team, where I built solid teamwork skills.

### **Head-barista**

**SENANDIKA Coffee & Chill** (Mar 2021- Mar 2023)

Played a key role in the successful launch of the company. I also successfully managed and trained new staff. My upselling strategies boosted sales, and by maintaining high service standards and strict quality control, I increased customer satisfaction while keeping a positive atmosphere.

### **Barista**

**Universitas Dian Nuswantoro** (Nov 2022 - Mar 2023)

## EDUCATION

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### ***Bachelor Degree in Informatics Engineering***, GPA: 3.92/4.00 (Last GP: 4.00)

Universitas Dian Nuswantoro (Aug 2021 - Jan 2025 (Expected))

Area of Interest: Machine Learning, Natural Language Processing, Artificial Intelligence, Deep Learning, Large Language Modeling

### ***Associate Degree in Accounting***

PKN STAN (2017 - 2019)

### ***High School, majoring in Science***

SMAN 3 Semarang (2014 - 2017)

- Dedicated most of my time to participating in local and regional music festival competitions.
- Having successfully conquered the college admission test, I received acceptance offers from two prestigious universities in Indonesia. Universitas Gadjah Mada (*Bachelor Degree in Information Technology*) and PKN STAN (*Associate Degree in Accounting*).

## PROJECTS

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### ***Autentik (Mobile IoT Platform)***

#### **Developer**

This mobile app was developed in response to partner company's request, provides seamless monitoring, reporting, and control of IoT devices directly from a smartphone.

- Tech stack: Dart, Flutter, Firebase, Node.js
- Google Play Store ([https://play.google.com/store/apps/details?id=com.application.autentik&pcampaignid=web\\_share](https://play.google.com/store/apps/details?id=com.application.autentik&pcampaignid=web_share))

### ***Diawan (Web IoT Platform)***

#### **Developer**

A web-based IoT platform that provides a comprehensive solution for monitoring, reporting, and controlling IoT devices. With real-time data visualization and advanced analytics, users can gain valuable insights into device performance and environmental conditions.

- Tech stack: HTML, CSS, JavaScript, PHP, Laravel, MySQL, Firebase, Node.js
- App URL (<https://diawan.io/>)

### ***Orbs-Medica (Clinic Management System)***

#### **Developer**

Our clinic management system will streamline the administrative and clinical operations of healthcare facilities. Featuring patient scheduling, electronic health records, billing, and reporting, the system enhances efficiency and improves patient care.

- Tech stack: HTML, CSS, JavaScript, PHP, Laravel, MySQL
- App URL (<https://www.orbs-medica.com/>)

### ***COVID-19 Dashboard (Tableau Interactive Dashboard)***

#### **Author**

My COVID-19 dashboard provides latest insights (Jan 2024) into the pandemic's progression. Featuring dynamic charts, maps, and graphs, the dashboard allows users to track infection rates, vaccination progress, and other critical metrics globally and locally.

- Tech stack: Tableau, SQL, Microsoft Excel
- Dataset URL (<https://ourworldindata.org/covid-deaths>)
- Dashboard URL ([https://public.tableau.com/app/profile/noval.althoff/viz/CovidDashboard\\_17079773500950/Dashboard1](https://public.tableau.com/app/profile/noval.althoff/viz/CovidDashboard_17079773500950/Dashboard1))