# MUHAMMAD DAVID FERDIAN HUTAURUK

**+628973770378** | **dferdian11@gmail.com** | **LinkedIn** | **Portfolio**
**Jakarta Selatan, Daerah Khusus Ibukota Jakarta**

## About Me

I am a motivated Software Engineer with a background in International Relations, allowing me to approach software development holistically. I recently completed a Full Stack Software Engineering bootcamp at RevoU, where I developed expertise in **HTML, CSS, JavaScript, TypeScript, React, Next.js, Flask, MySQL,** and **MongoDB**. These skills enabled me to contribute effectively to **team projects**, including the development of a functional e-commerce application. As a Frontend Developer, I implemented key features such as the register, login, and homepage, along with search bar functionality, product filtering, and responsive pagination. The project was praised for its clean design, smooth navigation, and intuitive user experience, with positive feedback highlighting the platform's accessibility and responsiveness. I possess strong analytical thinking, motivation, and curiosity, driving my dedication to lifelong learning. Eager to leverage this unique skill set and strategic thinking, I aim to contribute effectively to innovative software projects that drive impactful results and enhance user experiences in the technology landscape.

## Education Level

**Universitas Pembangunan Nasional Veteran Jakarta**                    Jul 2021 - Jul 2025 (Expected)
GPA: 3.70/4.00
*Bachelor of International Relations*

**RevoU Course**                    Jan 2024 - Aug 2024
*Full Stack Software Engineering*
- Completed a 25-week Full Stack Software Engineering course at RevoU, gaining proficiency in frontend and backend development.
- Built responsive and high-performance web applications using advanced HTML, CSS, JavaScript, and React frameworks.
- Developed secure web applications with Flask, implementing CRUD operations, user authentication, and robust database integration.
- Applied advanced techniques in ORM, role-based access control, and password hashing to ensure application security.

**RevoU Tech Academy X Kampus Merdeka**                    Aug 2023 - Dec 2023
*Data & Software Engineering*
- Learn data processing in Data Analytics such as Data Cleaning (Spreadsheet, SQL, Python), Data Visualization (Looker Studio) and Data Communication.
- Learn the Fundamentals of Fullstack Web Development in Software Engineering (HTML, CSS, and Javascript).

## Work Experiences

**Yopie Salon FX Sudirman**                    Mar 2020 - Present
*Laundry Attendant - Part Time*
- Washed, sanitized, dried, and neatly organized an average of 50 salon towels daily, ensuring high hygiene standards and seamless salon operations.
- Managed proper sorting and stain removal techniques to preserve towel quality, extending usability, reducing replacement costs, and maintaining a professional environment.
- Delivered fresh, sanitized towels daily to ensure a consistent supply at Yopie Salon FX Sudirman, collaborating with staff to anticipate demand and adjust laundry schedules during peak periods.
- Monitored and maintained laundry equipment, promptly reporting malfunctions to prevent disruptions and optimize operational efficiency.

**The Dream Show 3 (NCT Dream) 2024**                    May 2024
*Usher (Upper Tribune) - Freelance*
- Welcomed and directed over 1,000 audience members to their designated seats, ensuring smooth crowd movement, reducing congestion, and enhancing audience safety.

- Assisted attendees by providing accurate information regarding concert schedules, venue navigation, and safety protocols, significantly improving the overall guest experience.
- Enforced event regulations by proactively preventing the use of prohibited items, such as professional cameras, successfully maintaining compliance with organizer policies and minimizing disruptions during the concert.

**Indonesia Comic Con 2023**                                                                                  Nov 2023
*Guest Room Division - Freelance*
- Coordinated space arrangements for over 10 guest stars, ensuring a comfortable and organized environment that significantly enhanced their overall experience during the event.
- Prepared and fulfilled all requirements and accommodations for the guest stars with meticulous attention to detail, which ensured their comfort and satisfaction throughout the event.
- Facilitated communication between over 10 guest stars and event organizers, which ensured seamless coordination and effective problem resolution throughout the event.

**Vol. Bottle Shop & Bar**                                                                     Sep 2023 - Nov 2023
*Bar Server - Part Time*
- Delivered cocktails, mocktails, and bottled alcoholic beverages (wine, vodka, whiskey, etc.), along with food orders promptly and accurately, ensuring seamless service in a high-paced bar environment.
- Poured, served, and presented bottled alcoholic beverages while adhering to responsible service guidelines, ensuring compliance with local alcohol regulations.
- Engaged with customers by offering personalized recommendations on drinks and food pairings, answering inquiries, and providing a welcoming atmosphere.
- Maintained hygiene and cleanliness standards by wiping tables, mopping floors, and keeping restrooms well-stocked and sanitary throughout operations.
- Conducted end-of-shift bar closing procedures, including deep cleaning, restocking, and organizing the bar for the next day to ensure smooth service continuity.

**SM TOWN LIVE 2023**                                                                                          Sep 2023
*Crew (Ticket Checker) - Freelance*
- Checked tickets for over 5000 attendees to ensure they matched the designated zones before allowing entry to the stadium area. This diligence maintained a high level of event security and organization.
- Provided assistance to numerous attendees with their inquiries regarding event directions and locations. This attentiveness significantly enhanced the overall visitor experience, making it more enjoyable and accessible.
- Proactively prevented the entry of prohibited items or food by enforcing organizer guidelines. This approach ensured compliance and upheld safety standards throughout the event.

**PT. Tunas Ridean Tbk.**                                                                     Jan 2020 - Mar 2020
*Staff of Administrative - Internship*
- Processed over 200 transaction records, vehicle delivery orders, and debt recordings using the Toyota Dealer Management System (TDMS) and Workshop Application. This significantly improved team efficiency and allowed the team to manage workloads more effectively.
- Inputted and organized over 100 workshop receipts and customer feedback into TDMS and Microsoft Excel with precision. This approach enhanced overall team efficiency and enabled my colleagues to focus on critical tasks without the distraction of data inaccuracies.
- Prepared over 100 critical documents, including receipts, invoices, billing files, and vehicle delivery logs, ensuring compliance with procedures and supporting smoother business operations.
- Matched and classified various documents, including tax invoices and claim requests, while assisting in inter-department file delivery and customer souvenir preparation. My organized workflow reduced administrative bottlenecks, allowing the division to effectively allocate resources to key projects.

## Organizational Experiences

**Foreign Policy Community of Indonesia (FPCI) Chapter UPN Veteran Jakarta**          Jan 2023 - Dec 2023
*Staff of Empowerment*
- Managed multiple educational programs, including producing and publishing a podcast episode on Spotify discussing women's representation and challenges in politics. This initiative successfully increased awareness on critical social issues, complemented by my authorship of an article titled "Implications of Japan's Depopulation on Future Political and Economic Sustainability."
- Designed various creative materials for the Unboxing Foreign Policy #6 event, such as posters, booklets, virtual

banners, and a 4-minute video teaser, while also producing 326 certificates for speakers, committee members, and participants, which significantly contributed to overall participant satisfaction.
- Concluded international discussion programs like Coolyeah 1 Minute (ILO) and Recalling (Rwandan Genocide), successfully enhancing understanding of pressing global issues through engaging and interactive discussions that encouraged diverse perspectives.
- Organized logistics for discussions with over 90 participants, including preparing food and beverages, decorating the venue, and printing essential documents such as banners, certificates, and evacuation plans for the FPCI Jakarta Discussion (FJD). These efforts led to successful events that received positive feedback.

**Organisasi Siswa Intra Sekolah (OSIS) SMK Negeri 8 Jakarta**                                      Aug 2018 - Dec 2020
*Staff of Student Council*
- Managed the administration of the Student Council, coordinating over 20 extracurricular programs across 2 periods. This role fostered student engagement and significantly promoted school spirit.
- Led and developed the Class meeting work program concept as the chief executive and drafter, establishing a structured approach that enhanced student participation and collaboration during meetings.
- Organized successful social service events with over 50 participants. Effectively engaging participants and promoting teamwork among students, which was positively reflected in participant feedback.

## Additional Information

**Hard Skills:**
    **Software Engineering:**

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|       **Tech Stack** | **:** JavaScript, TypeScript, Python, HTML, CSS |
|       **Frameworks** | **:** React, Next.js, Flask, Tailwind CSS |
|       **Database** | **:** MySQL, MongoDB |
|       **DevOps / Deployment** | **:** Docker, Vercel |
|       **Version Control & Collaboration** | **:** Git, GitHub, Git Bash |
|       **API Development & Testing** | **:** REST API, Postman |
|     **Productivity Tools** | **:** VS Code, Microsoft Office (Excel, Word, PowerPoint) |
|     **Editing Tools** | **:** CapCut |
|     **Design Tools** | **:** Canva |

**Soft Skills:**
Critical Thinking, Teamwork, Time Arrangement, Communication, Problem Solving, Adaptation, High Curiosity.

**Languages:**
Frequently used      : Bahasa Indonesia, English

**Project Experiences:**

**QuickBuy E-commerce Application**
*Frontend Developer | RevoU Full Stack Software Engineering Bootcamp*
- Designed and implemented key frontend features, including the register, login, and homepage, while developing dynamic functionalities such as a search bar, product filtering, and responsive pagination to enhance navigation, usability, and user experience across devices.
- Ensured cross-device compatibility with responsive design principles, creating a smooth and accessible interface on both desktop and mobile platforms.
- Contributed to backend development by creating a database in MySQL and integrating it into the application using SQLAlchemy in Flask, enabling efficient data management and seamless communication between the frontend and backend.
- Collaborated with team members to deliver a clean, modern application interface that received positive feedback for its professional design and user-friendly functionality.
- Skills: Next.js, CSS, Axios, Flask, SQLAlchemy, MySQL.

**Certification:**
1**.** Microsoft Excel 2019 Spesialist, Issued by Certiport                                            Dec 20, 2024
2. Full Stack Software Engineering, Issued by RevoU                                                Aug 24, 2024
3. Data & Software Engineering, Issued by RevoU Tech Academy X Kampus Merdeka               Dec 19, 2023