CARLOS MICHAEL MARPAUNG

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Central Jakarta, DKI Jakarta

As a graduate with a Diploma in Information Technology from Institut Teknologi Del, I am passionate about software engineering, with a strong focus on programming and algorithmic problem-solving. I am eager to learn new technologies, take on challenges, and contribute to innovative, high-quality software solutions. My solid communication and teamwork skills allow me to work effectively both independently and in collaborative environments.

Education Level

Institut Teknologi Del *Information Technology Diploma 3*   2022 - 2025

GPA : 3.50/4.00

- Awarded the *Pelangi Scholarship – PT Toba Pulp Lestari* (2022–2025), a full scholarship covering tuition, dormitory, and living expenses, granted to selected students based on academic excellence and financial need.

Experiences

SQL Developer | PT Bank Oke Indonesia   Aug 2025 – Now
- Developing and maintaining queries for Antasena, SLIK, SCV, and Basel III to ensure accurate and timely reporting.
- Building and optimizing ETL (Extract, Transform, Load) procedures to support daily and monthly data reporting requirements.
- Collaborating with cross-functional teams to ensure data accuracy and compliance with OJK and BI reporting standards.
- Troubleshooting and resolving issues related to queries that fail or produce inaccurate data.
- Documenting reporting procedures and queries to ensure transparency and clear understanding among team members and stakeholders.

(Internship) PT Dimensi Kreasi Nusantara   Aug 2024 - Dec 2024

Software Engineer
- Developed and enhanced features for the Dots Mobile app using React Native, improving functionality and user experience.
- Worked with Django to build and maintain server-side components, ensuring smooth integration with the mobile app.
- Collaborated with the team to troubleshoot, debug, and implement new features while writing clean and maintainable code.
- Participated in sprint planning and agile processes, ensuring timely project delivery.

(Project) Developed Book Recommendation System using LSTM Algorithm   Dec 2024 - Jun 2025

Programmer
- Developed a book recommendation system using the LSTM algorithm based on user preferences, with a case study on the Google Books API.
- Built the frontend with React and the backend with Django for scalability.
- Implemented and trained the model in an IPython Notebook, demonstrating machine learning in a real-world application.

(Project) Developed Workshop Management   Dec 2024 - Mar 2025

Programmer
- Developed a comprehensive Workshop Management System for Batik Tegalan using Laravel, Tailwind CSS, and Livewire.
- Streamlined various aspects of workshop operations, including inventory tracking, sales management (POS system), customer reservations, and educational content delivery.
- Enhanced efficiency and public engagement with a user-friendly platform.

(Project) Developed Website Shop Management   May 2024 - Sep 2024

Programmer
- Developed a comprehensive Shop Management website using C# and SQL Server.
- Designed a user-friendly platform to streamline inventory tracking and sales management.
- Optimized customer interactions and overall shop management processes.

(Project) Developed Application BAAK Management   May 2023 - Sep 2023

Programmer
- Developed the BAAK Management application to streamline Bureau of Academic Affairs and Cooperation processes.
- Built the app using Dart and Flutter to provide a seamless mobile experience.
- Optimized administrative tasks, improving efficiency in managing academic records and student services.

Organisational Experience

Himatif (Himpunan Mahasiswa Teknologi Informasi) - Institut Teknologi Del   Aug 2023 - 2024
Vice Chairman

Del English Club - Institut Teknologi Del   Oct 2022 - Oct 2023
Member

Awards & Certifications

Coursera   Mar 2025
Google Advanced Data Analytics

Microsoft   Mar 2025
elevAIte with Dicoding Program

Digital Talent Scholarship   Aug 2023
Junior Web Developer at the Vocational School Graduate Academy Program

YCAB Foundation   Jul 2023
Career Preparation of Youth Digital Acceleration Program

Additionals

- **Technical Skills**: HTML, CSS, Javascript, PHP, Python, C#, Flutter, React, Laravel, Django, Dart, .Net, GIT, MySQL
- **Software**: Visual Studio Code, Xampp, Laragon, SQLyog, SQL Server, Figma, Postman