ASTOU MBOW

Full Stack Web & Mobile Developer

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PROFILE

Versatile Full Stack Web & Mobile Developer, creative and user-experience oriented. Comfortable with both front-end and back-end development, I design modern and high-performance interfaces while ensuring clean and maintainable architectures. Curious, autonomous, and rigorous, I prioritize quality, continuous improvement, and understanding user needs.

PROFESSIONAL EXPERIENCE & PROJECTS

API Banking — Bank Account and Transaction Management *Backend*

Developed a secure REST API for managing clients, accounts, and financial transactions.

Features:

- Account creation and automatic client creation if not existing
- CRUD operations on accounts: create, update, block, unarchive
- Automated blocking/unarchiving via Laravel jobs
- Identity validation: NCI and Senegalese phone number
- Deposit, withdrawal, transfer
- Security middleware and request rate limiting
- Full action logging and audit trails
- Email and SMS notifications via Events/Queues
- Complete API documentation with Swagger and Postman

Technologies: Laravel 10, PostgreSQL 15, Swagger, Docker

GitHub : API-REST-Gestions-Comptes

MAXIT SA — Money Transfer & Account Management Platform *Full Stack*

Front-end and back-end platform for user account management and secure financial transfers.

Features:

- Client account creation and management
- Full transaction history
- Admin dashboard with role-based permissions
- Transaction notifications

Technologies: PHP OOP, MVC, MySQL/PostgreSQL, Docker, NGINX
GitHub : MaxitaPro

App WOYOFAL — Electricity Credit Purchase Simulation *Backend*

Application to manage electricity credit purchases and meters.
Features:

- Automatic recharge code generation
- Client and meter management
- Transaction logging and audit
- Secure REST API for front-end integration

Technologies: PHP, Lightweight MVC, REST API
GitHub : App-Woyofal

API AppDaf — Client Identity Verification *Backend*

API for automatically retrieving client information from their NCI.
Features:

- Integration with Maxit SA
- Secure client data retrieval
- Automatic validation and formatting of data

Technologies: PHP OOP, REST API, JSON
GitHub : APPDAF

Payroll Management System — HR & Salary Management *Full Stack*

Application for managing employees, payroll, and company accounts.
Features:

- Employee profile management
- Automatic salary calculation
- PDF payslip generation
- Account and balance tracking

Technologies: React, MySQL/PostgreSQL, Tailwind CSS, JavaScript
GitHub : Gestion-des-salaires

TECHNICAL SKILLS

- **Languages:** PHP, JavaScript, TypeScript, SQL, HTML, CSS
- **Frameworks:** Laravel, Node.js, Express, React, Angular, Tailwind CSS
- **Databases:** MySQL, PostgreSQL
- **Tools:** Git, GitHub, Docker, Jenkins, Swagger, Postman, Figma
- **Methods:** MVC, Modular Architecture, Responsive Design

EDUCATION & CERTIFICATIONS

- Web and Mobile Development — Sonatel Academy (2024–2025)
- Azure DevOps Boards Certificate — Coursera (2025)
- Jenkins — Automating Your Delivery Pipeline — Coursera (2025)
- Learn Object-Oriented Programming with PHP — Coursera (2025)
- Prompt Engineering: Generative AI for Marketing & Advertising — Coursera (2025)
- Bachelor's in Management and Economics — UCAD (2020–2022)
- Science Baccalaureate S2 — Lycée Cheikh Hamidou Kane, Mbao (2019)

LANGUAGES

Wolof (native) | French (fluent) | English (intermediate B1)

REFERENCES

- Birane Baila Wane — Instructor, Sonatel Academy — +221 77 766 95 95
- Aly Tall Niang — Instructor, Sonatel Academy — +221 77 182 54 14