



Septian Arif Maulana, S.Si

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SUMMARY

Applied Mathematics graduate with a deep focus on Computational Mathematics and a strong track record in Data Engineering, Enterprise Automation, and Corporate Reporting. Possesses profound expertise in designing unattended automation workflows utilizing Advanced VBA Macro, Power Query (M-Code), VBScript, and Batch Scripting. Adept at transforming complex manual workflows into self-sustaining (zero-touch) operational systems for large-scale financial and manufacturing ecosystems. A critical thinker with high adaptability, capable of bridging business operational needs with technical infrastructure.

PROFESSIONAL EXPERIENCE

Data Analyst / VBA Macro Developer

PT Astra Graphia Information Technology (Assigned at PT Astra Otoparts Tbk)

Jakarta | November 2025 – Present

- **Workflow & Unattended Automation:** Designed and implemented an integrated unattended automation ecosystem (VBA, VBScript, Batch Files) via Windows Task Scheduler to execute data Ingest, Process, and Archive phases autonomously across servers without manual intervention.
- **ERP Data Integration:** Integrated and extracted raw data from the INFOR ERP system to serve as the primary foundation for the preparation of corporate financial reporting.
- **Data Transformation & Cleansing:** Performed advanced data cleansing and engineering on INFOR ERP data exports using Power Query (M-Code), including data pooling into specific categories and the creation of dynamic, delimiter-agnostic Text-to-Column functions.
- **Financial Data Processing:** Developed logical macro solutions for large-scale financial data reconciliation processes, including COGS Reconciliation, Standard Costing, and complex inventory variance analysis (Surcharge Variance, Allowance for Inventory Obsolescence).
- **Code & System Standardization:** Wrote high-quality VBA code utilizing Late-Binding methods and Dynamic Formula Injection. Standardized the company's folder directory hierarchy using numeric prefixes and compiled comprehensive functional and technical project documentation (such as Version_History.md) to ensure project maintainability.

IT Staff – Data Analyst (VBA Macro Excel)

PT GISTEX GARMEN INDONESIA

Bandung (Cileunyi) | May 2023 – May 2025

- **System Development:** Developed and maintained VBA Macro Excel-based automation systems to streamline data analysis, generate dynamic automated reports, and integrate with ERP systems and Robotic Process Automation (RPA) to support operational digital transformation.
- **Process Optimization:** Analyzed manual business processes and designed efficiency solutions through VBA-based Excel tools, including the creation of interactive data visualization dashboards to support rapid, data-driven decision-making.

- **Cross-Functional Collaboration:** Collaborated closely with Production, PPIC, Warehouse, and HR departments to design user-oriented automation tools, ensuring strict data validity and accuracy through comprehensive data collection, cleansing, and validation protocols.

TECHNICAL SKILLS

Automation & Scripting	Advanced VBA Macro Excel (Late-Binding, Dynamic Formula Injection), VBScript, Windows Batch Script (.bat), Task Scheduler, Unattended Automation.
Data Engineering	Power Query, M-Code, Data Cleansing, Data Transformation, Dynamic Delimiter Detection.
Office & Analytics	Advanced Microsoft Excel & Google Sheets, Advanced Office Suite, Data Visualization Basics.
Programming & DB	Basics of Python, Java, JavaScript, and MySQL Database Management.
Domain Knowledge	Financial & Accounting Data Management (COGS Reconciliation, Standard Costing, Inventory Variance Analysis), Enterprise Folder Hierarchy Management.

SOFT SKILLS

Analytical & Logical Thinking	Capable of breaking down complex manual processes into efficient and systematic algorithmic logic.
Complex Problem Solving	Proficient in troubleshooting and finding technical solutions for cross-server automation system constraints.
Stakeholder Collaboration	Able to bridge operational needs across departments into targeted automation solutions.
Attention to Detail	High meticulousness in financial data accuracy, reconciliation, and the preparation of functional and technical documentation.
Continuous Learning	Adaptable to new technologies, ranging from basic scripting to unattended automation development, including the transition from manual VBA development to autonomous unattended automation systems.

EDUCATION

Universitas Islam Negeri Sunan Gunung Djati Bandung	Bandung September 2016 - August 2022
• Sarjana Sains (S.Si) – Applied Mathematics (Computational) • GPA: 3.17	

CERTIFICATIONS & TRAINING

• Learning Data Visualization Basics – Dicoding • Getting Started with Python Programming – Dicoding • Getting Started with Java Programming – Dicoding • Learning Basic JavaScript Programming – Dicoding	
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LANGUAGES

Indonesian	(Native)
English	(Professional Working Proficiency)