

ADE RIATY KHARIN SINAGA

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OBJECTIVE

Information Systems graduate with 5+ years of hands-on experience in IT system administration, data & information-system management, and Java-based application development. Currently managing hosting, domains, metadata, and internal platforms for an enterprise research-management system at Bank Indonesia. Combines a Sistem Informasi academic background with practical skills in data analytics, data scraping, and Scrum-based IT project delivery.

EDUCATION

Universitas Bina Nusantara (BINUS) | West Jakarta, DKI Jakarta

S.Kom — Information System (Sistem Informasi) 2018 – 2021

- GPA: 3.34 / 4.00
- Undergraduate thesis: Analysis and Design of Geographic Information Systems for Bappedalitbang Musrenbang Surveys of Pemkab Bogor — supervised by Sunardi, S.Kom., M.M.S.I.

Politeknik Negeri Medan (POLMED) | Medan, North Sumatera

A.Md — Computer Engineering 2014 – 2017

- GPA: 3.20 / 4.00
- Thesis: Design and Implementation of a Prototype Electric Wheelchair Controlled by Joystick — supervised by Rahmat Widia Sembiring, M.Sc.IT., Ph.D., M.M.S.I.

PROFESSIONAL EXPERIENCE

Career Break

Mar 2025 – Present
Metro Manila, Philippines

Taking a personal leave from full-time employment to care for a family member (mother) during illness and to relocate in support of spouse's work assignment.

IT Administrator

Bank Indonesia (Central Bank of Indonesia)

Feb 2023 – Feb 2025
Central Jakarta, DKI Jakarta

- Monitor hosting and domain performance for the institution's journal and research-management websites, ensuring system availability and data integrity.
- Perform upgrades and maintenance of the journal and research-management platforms, including data and content updates.
- Submit and update metadata in journal databases and indexing platforms as part of information-system data governance.
- Develop internal applications using Microsoft Power Apps (Power FX) to support research/journal data management and internal employee platforms.

Java Programmer

PT. Aplikasi Klikpayroll Indonesia

Sep 2022 – Feb 2023
East Jakarta, DKI Jakarta

- Added new backend, frontend, and database features to the Klikpayroll application using Java, JavaScript, Vue.js, and PostgreSQL.
- Conducted code review and application testing (User Acceptance Testing) to ensure data accuracy and system reliability.

Java Backend Developer

PT. Kognitif Skema Indonesia

May 2021 – Aug 2021
Central Jakarta, DKI Jakarta

- Built backend services using Java Spring Boot, Hibernate, Struts, and Jetty Application Server for the Mandiri Paylater project.
- Integrated frontend components (JavaScript, HTML, JSP, Bootstrap, jQuery) with a PostgreSQL database.

Junior Fullstack Java Developer

PT. Teknogloba Multi Sistem Integrasi

Aug 2019 – May 2021
South Jakarta, DKI Jakarta

- Developed and maintained the FIRMS application for Danamon using Java Spring Boot, JavaScript, TypeScript, and Java SQL/NoSQL databases.
- Collaborated across development stages from data structure design to feature implementation and testing.

Java Developer (Bootcamp)**PT. Xsis Mitra Utama***May 2019 – Jul 2019**South Jakarta, DKI Jakarta*

- Trained in Java logic, Java SQL, and Java technologies using the Spring Tool Suite framework, JavaScript, jQuery, AJAX, and HTML.

Administrator of Finance and HRD**PT. Trigaya***Nov 2017 – Nov 2018**South Jakarta, DKI Jakarta*

- Maintained employee payroll data and processed statutory reporting (PPH 21, PPh 4(2)), utilities, and BPJS records.
- Prepared cash-flow, receivables, and daily cash/bank reports — building a strong foundation in structured data recording and reporting.

Intern**PT. Sucofindo***Feb 2017 – Mar 2017**Tanah Besi, Serdang Bedagai, North Sumatera*

- Learned to operate an ERP system (Harvest Plus) covering Payroll, HR, Cash Book, and Sales Budget modules.

TECHNICAL SKILLS

- IT Administration & Platforms: Hosting/Domain Monitoring, System Maintenance, Microsoft Power Apps (Power FX)
- Programming & Frameworks: Java Spring Boot, Hibernate, Struts, Jetty Application Server, JavaScript, TypeScript, HTML, JSP, Bootstrap, jQuery, AJAX
- Data & Information Systems: Data Analyst, Data Scraping, Metadata Management, Geographic Information Systems (GIS)
- Databases: PostgreSQL, SQL/NoSQL
- Project Management: Scrum, Scrum Agile, Scrum Project Management
- Office & Productivity: Microsoft Office (Word, Excel, PowerPoint), Power Platform

ORGANIZATION & VOLUNTEERING

- HMPS (Himpunan Mahasiswa Program Studi) — Program Study Student Association
- YAKPM (Yayasan Alumni Kristen Politeknik Negeri Medan)
- Church volunteer — coordinated event preparation for Christmas services