ASRUL HARAHAP
Software Developer

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📍 Bogor Indonesia   ✉️ talkasrul@gmail.com

ABOUT ME

As a Developer with 6+ years of experience in React, Node.js, and TypeScript, building scalable web apps with performance-optimized UIs, robust APIs, and cloud-based deployment. Passionate about clean code, efficient architecture, and seamless user experiences.

EDUCATION

HACKTIV8 INDONESIA
Fullstack Immersive Javascript
2018 - 2018 (5-10)

PADANG STATE UNIVERSITY
Bachelor of Education (TI)
2013 - 2017

SKILLS

React Js, React Native, Javascript, Typescript, Git, HTML, CSS, ANTD, Express jS, Mongodb, MySQL, PostgreSQL, Zustand, React Hooks, React Router, React Query, NestJS

LANGUAGES

Indonesia

English

SERTIFIKAT

Fullstack Javascript - Hacktiv8

instruktur Frontend - Ruang Guru x Kampus merdeka

Trainer Web - LKS 2018

WORK EXPERIENCE

PT SICEPAT EKSPRES INDONESIA- FRONTEND   2021-NOW

Chatboot, CKL, SST, COD, CMS, Masterdata, DMS, KPI, NME

Developed and maintained the company's customer-facing web platform using React, TypeScript, and React Query, ensuring high performance and scalability, implemented UI components with Ant Design and Emotion/Styled Components for a visually appealing and consistent user experience. Built and integrated key features including:

- **Chatbot**: UI for training LLM with Rasa X.
- **Operational Systems**: CKL (Cargoloka), SST (SiCepat Shipping Tools), COD (Cash on Delivery).
- **Management Tools**: CMS (Content Management System), Masterdata, DMS (Document Management System).
- **HR Dashboards**: KPI (Key Performance Indicators) and NME (New Master Employee)

Collaborated with backend teams to optimize API interactions and data flow.

RUANGGURU – KAMPUS MERDEKA – MENTOR / INSTRUKTUR   2022

Mentor and Instruktur Frontend

Mentored and teaching 50+ students in mastering frontend development fundamentals:

- Core Web Technologies: HTML, CSS, JavaScript (ES6+).
- Modern Frameworks: React.js with state management (Redux/Zustand).
- Version Control & Collaboration: Git workflows (branching, merging) and team-based project best practices.
- Guided students through algorithmic problem-solving to enhance logical thinking and code efficiency.
- Conducted code reviews, provided personalized feedback, and facilitated hands-on projects to solidify learning.
- Assisted in curriculum development to align with industry standards (e.g., component-based architecture, responsive design).

MALEO KRETIF INDONESIA   2019 – 2021

IVPL web, IVPL Mobile, Timesheet, Samsung Fold|Flip Campaign

- **IVPL Web & Mobile**: Built and optimized a cross-platform solution using **React (Web) and React Native (Mobile)** with **Express.js backend** and **MySQL**, ensuring seamless data synchronization and responsive UX.
- **Timesheet Management System**: Developed an internal tool with **role-based access**, automated reporting, and integration with existing workflows to improve team productivity by 40% and for support WFH workflow COVID 19 effect.
- **Samsung Fold|Flip Campaign Microsite**: Created a high-performance marketing site with **SEO optimization**, interactive animations, and device-specific UI adaptations to enhance engagement.

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LAMPIRAN - 1

Certified Web Design & Development Trainer
- Served as official trainer and mentor for Indonesia's National Student Competency Competition (LKS) XXVI, 2018 in Lombok
- Delivered comprehensive training in modern web technologies:
  - HTML5, CSS3, JavaScript (ES6+)
  - API integration (RESTful services)
  - Responsive web design (mobile-first approach)
  - SEO best practices
- Guided students in building:
  - Functional e-commerce websites
  - Interactive browser-based games
- Focused on industry-relevant skills bridging education and professional standards

Fullstack JavaScript Immersive Bootcamp Certification
- Completed intensive training in fullstack JavaScript development, covering:
  - Fundamentals: Intro to programming, JavaScript logic, and algorithms
  - Backend: Node.js, RESTful APIs, and databases (MySQL, MongoDB, Sequelize)
  - Frontend: Vue.js, React.js, and modern UI development
  - Testing: Unit and integration testing best practices
- Final Project: Served as Backend Developer for PITI (a financial tracking mobile app):
  - Designed and implemented RESTful APIs with Node.js
  - Managed database architecture (MySQL/MongoDB) for secure transaction data
  - Collaborated with frontend teams to ensure seamless integration

Certified Frontend Development Trainer
- Successfully trained and mentored 50+ students in frontend development fundamentals
- Comprehensive curriculum coverage:
  - Programming fundamentals and problem-solving logic
  - Modern JavaScript (ES6+ syntax and features)
  - React.js framework with component-based architecture
  - State management solutions (Context API, Redux, etc.)
  - API implementation (RESTful services integration)
- Provided career guidance (Portfolio building strategies)
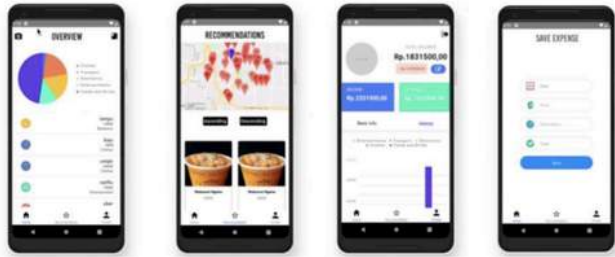
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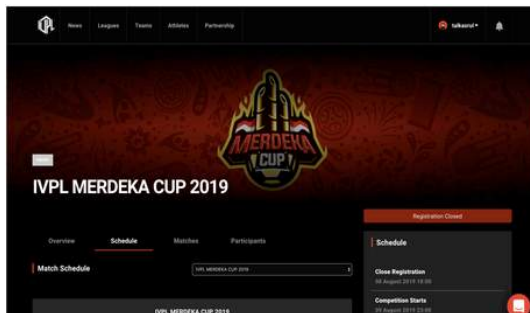
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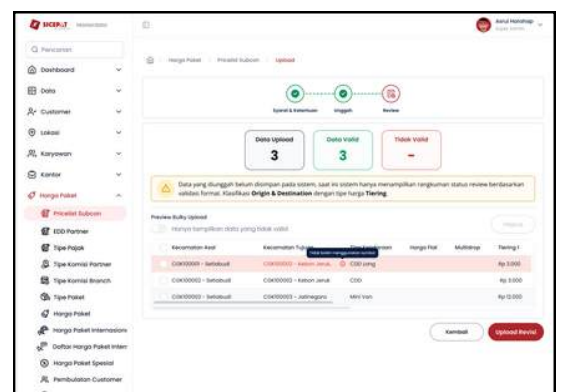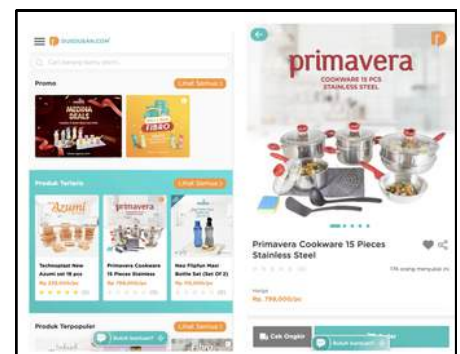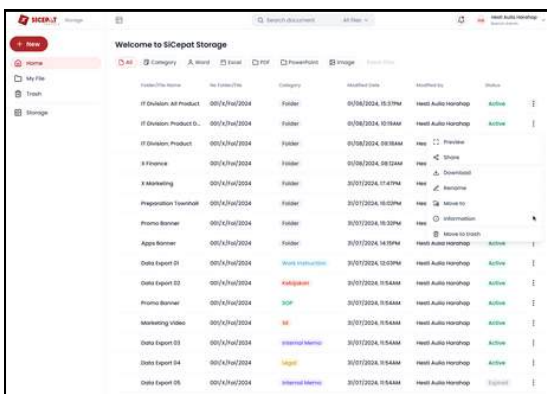✉️ talkasrul@gmail.com

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LAMPIRAN - 2

PITI (Plan It Track It) - Developed a React Native mobile expense tracker MVP as my final project at Hactiv8, featuring intuitive expense logging, categorization, and spending analytics with optimized performance and clean state management. https://youtu.be/PEbXUsiMHkk

Dusdusan.com – Developed a Reseller Point Management web application using React.js with Reduxfor state management, where I specifically implemented the point redemption system and reseller event modules, ensuring seamless user interactions and real-time data updates.

IVPL - Developed a cross-platform tournament management system using React.js (web) and React Native (mobile), where I led the implementation of key features including tournament event creation, dynamic match bracket systems, and player registration flows with integrated Xendit payment gateway across both platforms, ensuring seamless payment processing and consistent user experience between web and mobile interfaces.

Masterdata SiCepat - Built and maintained the company's core internal data management platform using React with TypeScript, React Query for efficient data fetching/caching, and ANTD for consistent UI components, supporting 50+ enterprise applications with standardized master data while improving data retrieval speed by 40% through query optimization.

DMS Sicepat - Designed and built a secure document management platform with React TypeScript, leveraging React Router for navigation and Emotion/Styled Components for UI consistency, enabling organized storage and retrieval of legal documents, company policies, and operational records while ensuring optimal performance through custom hooks and efficient state management.