Sandi Irawan

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I have a strong interest in the IT world, particularly in graphic design, videography, photography, and application development. I continue to hone my skills in these areas to create innovative and useful work.

With my experience, I am eager to apply and develop my skills in a professional environment like this company. I believe that with my creativity, technical expertise, and strong enthusiasm for learning, I can contribute positively to supporting the achievement of the company's goals.

Work Experience

Front & Backend Development - PT Penerbit Erlangga

Nov 2021 - Now | East Jakarta, Indonesia

- Web Application Design and Development – Building web-based application systems according to business needs, from architectural design and feature development to performance optimization.
- System Maintenance and Optimization – Performing routine maintenance on application systems to ensure stable performance, improve security, and fix bugs or errors.
- Feature Development and Enhancement – Developing new features and enhancing existing systems to make them more efficient, responsive, and tailored to user needs.
- Application Data Management and Processing – Managing, processing, and analyzing application data to ensure integrity, security, and ease of access for users.
- Team Collaboration – Working closely with the development team, UI/UX designers, and stakeholders to ensure system implementation meets business needs.
- Third-Party Service Integration – Connecting systems with various APIs or external services to enhance application functionality.
- Testing and Deployment – Testing applications before release and deploying systems to production environments to high security and efficiency standards.

IT Support - PT Promedica Sejahtera

Sep 2020 - Sep 2021 | West Jakarta, Indonesia

- Software & Hardware Installation and Configuration – Install, configure, and ensure optimal performance of software and hardware according to user requirements.
- System Maintenance and Repair – Troubleshoot and repair IT systems, including networks, servers, and computer devices, to ensure smooth operations.
- Network Management and IT Security – Ensure the company's network runs smoothly, monitor security, and implement cyberthreat protection measures.
- Technical Support and Helpdesk – Provide technical support to users in resolving IT issues, both through remote support and in-person.
- Data Management and Backup – Manage data storage, ensure regular backups, and perform data recovery in the event of loss or damage.
- Documentation and Reporting – Prepare technical documentation regarding system configurations, IT policies, and reports related to issues and implemented solutions.

Education

Open University

Software Engineering | 2024 - 2028

- GPA: 3.20 / 4.00
- Major Subjects:
  Information Systems, Software Development, Database Management, Computer Networks, Applied Mathematics
- Academic & Non-Academic Activities:
  - Student Organization Member (BEM/HMJ) – Actively involved in organizing campus events, coordination across divisions, and improving student engagement.
  - Sports Activities (Futsal & Badminton) – Participated in inter-faculty and campus-level competitions, strengthening teamwork, discipline, and competitive mindset.
  - Programming & Technical Training – Enhanced programming skills, logical thinking, and problem-solving abilities through structured training and hands-on projects.

Skills

- **Technical Skills:**
  - Frontend Development: Experience with HTML, CSS, JavaScript, and frameworks like React.js and Next.js to build responsive and interactive user interfaces.
  - Backend Development: Skills in using Node.js, Express.js, and working with databases like MySQL and PostgreSQL.
  - Version Control: Experience with Git and the GitHub/GitLab platforms for source code management and team collaboration.
  - API Development: Building and integrating RESTful APIs for frontend and backend communication.
  - Infrastructure Management: Experience using platforms like Heroku, AWS, or Google Cloud for application deployment and management.
  - Tools & Frameworks: Familiarity with tools like Webpack, Babel, and the npm/yarn package manager for application development and building..
- **Communication Skills:**
  - Excellent oral and written communication skills, able to explain technical ideas clearly and easily to both technical and non-technical teams.
  - Proficient in creating technical documentation, project progress reports, and effective presentations for diverse audiences.
- **Project Management:**
  - Experience managing software development projects from planning to implementation, including time management, resource allocation, and team coordination.
  - Familiarity with Agile methodologies and the use of tools like Trello, Jira, or Asana to efficiently manage and track project progress.
- **Solution To Problem:**
  - Critical and analytical thinking skills to identify and solve technical problems in software development.
  - Experienced in debugging, optimizing application performance, and finding innovative solutions to overcome development challenges.

Certificate

- **Learn Programming Basics**

  Published: August 2020 | https://www.dicoding.com/certificates/3JMZVYG03ZN9

- **Computer Network Fundamentals**

  Published: June 2024 | https://member.codingstudio.id/certificate/759DBB81FE-759D70706B-7591D010D9

- **Proficient In Creating Websites With Laravel**

  Published: November 2024 | https://member.codingstudio.id/certificate/AvgF9zYhYA

- **Fundamental Java Programming**

  Published: June 2024 | https://member.codingstudio.id/certificate/759DBB81FE-7591D03461-7591D010D9

Language

Indonesian (Fasih): I am fluent in Indonesian and can communicate well in a variety of situations.

English (Intermediate): I can communicate in English and understand technical material, although I sometimes need help with more complex topics.

Japanese (Beginner): I am still a beginner in Japanese and am learning to improve my skills.