Farhan Arya Sukma

Full Stack Developer | Jakarta, Indonesia | LinkedIn: Farhan Arya Sukma | +62 813 19015599 | Farhan.arya.sukma@gmail.com

PROFILE

I am an empathetic engineer with a strong focus on achieving success. My expertise lies in Full Stack Web Development, acquired through my studies at Binar Academy. I am continuously eager to learn and gain new experiences. With an undergraduate degree from Institut Teknologi Sepuluh November (ITS), I have valuable experience as a mechanical design engineer in the manufacturing and production industry. Additionally, I am proficient in English and Japanese, demonstrated by my successful completion of the JLPT Level 3 examination. My profile combines technical knowledge, a passion for technology, and a deep understanding of the intersections between engineering, business, and product management.

SKILLS

Skills:
- Front end development: HTML, CSS, JavaScript, EJS, Bootstrap, React, Next, Redux.
- Back end development: PostgreSQL, SQL, REST API, Node.js, Express.js, Object-Relational Mapping (ORM), Jest, JWT
- Tools: Microsoft Office (Word, Excel, PowerPoint), Visual Studio Code, Postman, Git, Github, Trello
- Language: Indonesia (native), English (TEFL 547), Japanese (JLPT N3)

EDUCATION

Binar Academy — Full Stack Web Development, jun 2022 - Jan 2023
- Completed 11 coding challenges during the program, focusing on building web applications.
- Utilized a range of tools including HTML, CSS, JavaScript, Bootstrap, React, Redux, Next.js, Node.js, Express, PostgreSQL, and ORM (Sequelize).
- Challenges encompassed the creation of both single-page web applications and server-side rendered web apps.

Institut Teknologi Sepuluh Nopember (ITS) — Mechanical Engineering, Bachelor jun 2014 - Jan 2019
- Bachelor of Science in Mechanical Engineering with high interest on robotics and dynamic systems.
- Actively involved in extracurricular activities, including participation in English debate competitions and member in the student chapter of the national Association of Corrosion Engineers.
- Achieved success by winning a business plan competition, showcasing entrepreneurial skills and innovative thinking.

PROJECT

Gamepedia, Full Stack Online Game Platform, Duration: 3 months
Technologies: Next.js, React, redux, bootstrap, Node.js, Express.js, Jest, PostgreSQL with Sequelize, passport.js
Work with a group of 3
- Create full stack online game platform using Next.js for front end and Node.js for back end. Use Bootstrap for CSS framework and ElephantSQL for database.
- Implement authentication with Passport.js with JWT strategy for login system.
- Apply encryption for password when user register to the website with bycrpt.

- Add player vs com rock-paper-scissor game. Utilize redux for state management.
- Create dynamic game leaderboard and dynamic achievement when user react certain point in game.
- Add how-to video for each game with react-media library for media handling.
- User have the ability to change their profile picture and password within profile page

EXPERIENCE
Mechanical Designer Engineer, PT Indonesia Epson Industry; Cikarang — Feb 2020 - May 2022
- Responsible for mechanical design of a wide range of printer product ranging from Customer to Business Ink Jet.
- Participated in 4 new model development, shipped for user around the world.
- Developed new cover mechanism that are used for various model of printer.

Intern, GMF AeroAsia; South Tangerang — Jun 2017 - Jul 2017
- Managed maintenance reports for Airbus and Boeing airplanes, ensuring adherence to maintenance schedules.
- Provided training to my team on the efficient use of this method for future maintenance report management.

ACHIEVEMENT AND AWARDS
2nd winner of Mechanical Entrepreneur Competition 2016
Issued by Institut Teknologi Sepuluh November · Nov 2016
- Innovated and presented a creative business plan centered around the concept of healthy fast food.
- Conducted thorough market analysis to identify customer needs and assess the potential business opportunity.
- Utilized cost calculation techniques to ensure financial feasibility and sustainability of the proposed venture.

1st Winner of FTI English Debate Competition
Issued by Institut Teknologi Sepuluh November · Mar 2016
- Actively participated in a group debate focusing on the future of engineering technology, the implications of fossil fuel extraction, and the environmental impact of technological advancements.
- Collaborated with team members to research and analyze various aspects of the topic, including emerging technologies, sustainability considerations, and potential solutions.
- Engaged in critical discussions, presenting arguments and counterarguments to foster a comprehensive understanding of the complex issues at hand.