

# Muhamad Irham Prasetyo

Leipzig, Saxony, Germany

[irhamputraprasetyo@gmail.com](mailto:irhamputraprasetyo@gmail.com)

[linkedin.com/in/muhamad-irham-prasetyo](https://www.linkedin.com/in/muhamad-irham-prasetyo)

## Summary

I originally come from Indonesia and I graduated and also live in Leipzig, Germany. Currently I'm working as a Senior Software Engineer and Software Architect. My primary responsibilities are leading and assisting the team, ensuring the team meet the requirement of software architect, providing a technical guidance and mentoring for new or low-level team player of software engineer.

My primary key competencies:

1. Leading the team, analyzing and solving my team's problem.
2. Providing a technical guidance and mentoring for my team.
3. Contributing and assisting to software architecture.
4. Serving a report to Principal Engineer and Product Owner.
5. Working on with TypeScript, Node.js and Rust.
6. Building the software architect of the main product.
7. Discussing with Product Owner regarding the requirements of the product.

Techstack:

1. HTML, CSS and JavaScript/TypeScript.
2. Front-End Library and Frameworks: React, Next.js, VueJS and QuasarJS.
3. JS Bundler: Webpack, RollUp, Vite, Parcel and SWC
4. Node.js & Express.
5. React-Native.
6. Rust Web Server & WASM.

Beside I work as a full-time Software Engineer, I love to build a things (Components, Hooks, JS tools, etc) with React, TypeScript, and Rust. And I also love to give a contribution to open source projects, to the web development communities. I also teach JavaScript, TypeScript and Rust and do some freelance and helping startup as Software Consultant.

## Experience

### **Software Architect**

GET AG

Apr 2021 - Present (1 year 3 months +)

Responsibilities:

- Leading and assisting the team to software architecture's meeting.
- Researching in Google and analysing for possible architect of Softwares.
- Participating and contributing to the software architecture of the main product.
- Discussing with Product Owner and Head of Engineering regarding the requirement of the product and discussing about the technical debt
- Evaluating the possible newest technologies to adopt in the future time



## Senior Staff Software Engineer

GET AG

Jan 2020 - Present (2 years 6 months +)

Responsibilities:

- Providing and improving a technical guidances and mentorship for the new or low-level team of Software Engineer.
- Ensuring and managing the team meets the software requirement.
- Resolving the tasks by writting a software with React, Vue, Node.js and TypeScript.
- Improving and managing the quality of code base.
- Collaborating and discussing the problem and the solution with the Head of Engineering.
- Discussing about the best solution with the teams.



## Back End Developer

Nanotech Natura Indonesia

May 2019 - May 2020 (1 year 1 month)

Working with tech stacks: TypeScript, Node.js, Express, GraphQL, AWS.

Responsibility:

- Providing and improvinf all APIs for Front-End.
- Maintaining, testing and optimizing.
- Implementing and resolving the tasks of Authentication and Session.
- Documenting the APIs with Postman and collaborating with the team



## Software Developer

FUTURE.rent

Jun 2019 - Dec 2019 (7 months)

Working with tech stacks: TypeScript, Angular 8, Angular Universal, RxJS, Firebase, Google Cloud Function, Protraktor and Karma.

Responsibility:

- Resolve the problems with/in TS
- Implements new feature for frontend side with Angular 8, NgStore for State Management
- Maintaining and managing every Angular components
- Improving the performance
- Creating RESTful API using TS-Node and Firebase
- Collaborating with the team about Unit testing and E2E for Angular app



## Front End Engineer

ener|xess GmbH

Jun 2018 - Jun 2019 (1 year 1 month)

Working with tech stacks: TypeScript, AngularJS, Angular 7, NodeJS, Prisma GraphQL.

Responsibility:

- Solve the problems with/in TS with Node.js and GraphQL
- Implement new features for frontend side in different projects with AngularJS, Angular 7, SASS

- Maintaining the state Management with Apollo-Client



## Front End Developer

WWU Medien GmbH

Apr 2018 - Jun 2018 (3 months)

Responsibility:

- Create mockup for website
- Slice to UI with React.js
- Implement new feature with headless CMS Drupal and Wordpress



## Software Developer

Radio PPI Dunia

2015 - 2017 (3 years)

Working with tech stacks: TypeScript, React SSR, Webpack, Redux, Wordpress, React Native, Jest and Enzyme.

Responsibility:

1. Building website with React and Wordpress.
2. Leading the team to build mobile app with React-Native Redux and Wordpress.
3. Maintain the performance and optimize the web and mobile app.

## Education



### SAE Institute

Diploma, Web design & development

2015 - 2017

Web Development: HTML, CSS/SCSS, JavaScript, Php, Node.js

## Licenses & Certifications



### React Web Developer (with Redux) - Udemy

UC-XCKSTMDG

### Advanced React and GraphQL - Wesbos from Bostype inc

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### Ultimate Rust Crash Course - Udemy

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## Skills

React.js • Front-End Development • Software Architecture • TypeScript • Team Leadership • Mentoring