

MATTHIAS LIM

Senior Blockchain | Frontend | Backend Engineer

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EXPERIENCE

Full Stack & Blockchain Developer 08/2021 - 04/2024
Accela Technologies Singapore · Remote

- Engineered robust full-stack web solutions with React, Node.js, and PostgreSQL; enhanced data retrieval speeds by 50% and supported 1,500+ concurrent users without performance degradation.
- Built and deployed scalable full-stack web apps with React and Node.js, integrating MongoDB and PostgreSQL, boosting user engagement by 40% and cutting page load times by 25%.
- Developed blockchain solutions using Ethereum, Solidity, and Truffle, improving system reliability by 30% and reducing data breaches by 15%.
- Engineered Ethereum smart contracts using Solidity and Truffle framework, facilitating secure transactions and scalability, resulting in a 40% increase in transactional efficiency and 25% reduction in operational costs.
- Collaborated with cross-functional teams, such as product managers, designers, and other developers, to successfully release software with a 20% increase in user satisfaction and a 15% decrease in bug reports.
- Proposed app performance by 30% and enhanced security with cutting-edge tech and best practices, resulting in a 50% increase in scalability to handle more users without compromising performance or security.

Full Stack Developer & Lead Smart Contract Developer 06/2018 - 01/2021
Accela Technologies Singapore · Remote

- Implemented and deployed 3 dApps using Ethereum, Solidity, and web3.js. These dApps have processed over 10,000 transactions and have a combined user base of over 5,000 active users.
- Created secure smart contracts for dApps, processing over 10,000 transactions without any breaches, ensuring platform integrity.
- Integrated blockchain with web apps using APIs and microservices, resulting in a 30% faster transaction speed and 20% lower costs.
- Researched and evaluated new blockchain technologies and platforms to identify the most suitable solutions for client requirements.
- Collaborated with stakeholders to understand business needs and translated them into technical specs, such as boosting customer engagement by 20% with marketing and defining features for new software.
- Mentored a team of 5 junior developers, leading to a 20% increase in code quality and best practice adherence, measured through regular code reviews and project implementation.

Junior Frontend Developer 04/2015 - 03/2018
Captii Limited Singapore · Remote

- Experienced responsive web interfaces and applications using React and jQuery, improving page load speed by 20% through React optimization and reducing bounce rate by 15% with jQuery plugin implementation.
- Improved UI, server-side functionality, and data structure for the web app, reducing page load time by 20%, adding new features for 15% faster server response time, and optimizing the data model for 50% more concurrent users.
- Involved in product development from idea generation to launch, contributing 10 new ideas per quarter and actively participating in 80% of development meetings.
- Coordinated an 8-member remote team using Agile methods; increased sprint completion rate by 20% and reduced project delivery timelines by 15% through efficient collaboration and communication tools.

Freelance 04/2014 - 12/2014
Upwork Freelancing Solutions

- Composed mobile and web applications, including expertise in programming languages like Java, Python, and JavaScript.
- Launched 6 websites including 2 large business websites.
- Performed daily maintenance of code, debugging issues, and solving clients' problems.



SKILLS

Javascript · Typescript · Solidity · Java · C++ ·
React · Next.js · Vue.js · Svelte · React Native

Node.js · ExpressJS · Python

Microsoft SQL Server · MongoDB · Redis ·
MySQL · Oracle Database · Cassandra ·
PostgreSQL

Jira · Trello · Asana · Basecamp · Git ·
GitHub · GitLab · BitBucket · Notion ·
Lucidchart · Monday.com

Amazon Web Services · Firebase ·
Google API · OpenAI API

EDUCATION

Bachelor's degree, Computer Science
National University of Singapore
09/2010 - 04/2014