

LAI MINH SANG

SOFTWARE DEVELOPER

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PROFILE SUMMARY

With expertise in Java, Node.JS, TypeScript, and various databases, I excel in software development, routing, ORM, and deploying applications using technologies like Pm2, and Ec2. My skills also encompass software troubleshooting, problem management, API design, configuration, incident management, and optimization techniques. I am proficient in Express.JS, Spring Boot, AWS, Restful APIs, and handle diverse tools including S3, Elastic Search, Apache, and more, ensuring robust and efficient web applications in the Google Cloud environment. I excel in Web Development, software methodologies, GIT, project management, Full Stack, CI/CD, SQL, NoSQL, cloud, business implementation, and innovation in my approach to solving challenges.

TECHNICAL SKILLS

Web Technologies	HTML, CSS, Bootstrap, Javascript, Next Js
Server Side Technology	Java, Spring Boot, Node.Js, TypeScript, Oracle, MongoDB, Mysql, Python, Tutor
3rd Party Integrations	Stripe, AWS KMS, AWS Cache, AWS Queue, FCM, Docker, Open AI, SonarQ, Edx platform, Odoo
Project Management Tool	Jira, Github, Gitlab , Agile, Scrum
Testing tools	Swagger, APIDog
Configuration Management	Git, SVN
Middleware technology	API – RESTful/JSON – SOAP

WORK EXPERIENCE

- Freelance Developer** April, 2022 – Present
- Position: Software Developer
- As a part-time full-stack developer, I have worked on diverse projects using technologies like Java, Next.js, Spring Boot, Node.js, and MySQL. Contributing to ongoing projects, I have improved functionality, fixed issues, and developed new features to enhance the user experience. This role has helped me continuously adapt, expand my skill set, and deliver effective solutions tailored to each project's needs.
- FUNiX Online Education., JSC** April, 2022 – Present
- Position: Software Developer
- Main responsibilities:
 - Participate in developing internal ERD software modules.
 - Develop new UI online LMS.
 - Develop a student question and answer system.
 - Participate in FUNiX workshops, training, and seminars
 - Achievement:
 - Always complete work and support system deployment on schedule for students
- ITSOL Technology Resources & Solutions., JSC** March, 2020 – March, 2022
- Position: Java Developer
- Main responsibilities:
 - Develop Data ETL, Birt Report, REST, SOAP services.
 - Develop products: fix website ui/ux.
 - Develop feature framework ZK, Struts, Spring
 - Onsite work at Viettel Cyber Security
 - Achievement:
 - Always, finish tasks from customer with good quality and before deadline.

PROJECTS

Taskcover Enterprise Management System

May, 2023 – Present

– Position: *Leader / Backend Developer*

- **Description:** Taskcover is an AI-enhanced project and task management system designed to streamline workflows and improve team efficiency.
- **Accomplishments:**
 - Reduced project management time by 30%, enabling faster task completion.
 - Improved data processing speed by 40% through optimizations with MongoDB, Redis, and MinIO.
 - Supported over 1,000 users, ensuring stable performance in production.
 - Increased team efficiency by 50%, enhancing communication and task delegation via WebSocket.
 - Maintained 99.9% uptime, leveraging Docker, Nginx, and Jenkins for reliable deployment.
 - Successfully expanded Taskcover, helping businesses optimize workflow management.
- **Domain:**
 - <https://app.taskcover.com>
 - <https://taskcover.com>

Learning management system FUNiX

August, 2023 – Present

– Position: *Software Developer*

- **Description:** Developed and upgraded the new interface for the online learning platform at FUNiX. Optimized backend performance and integrated data from multiple sources to enhance system efficiency.
- **Accomplishments:**
 - Designed, developed, and optimized backend APIs, improving data processing speed.
 - Built SQL/PLSQL procedures for efficient data handling and integration.
 - Designed scalable data models and successfully integrated multiple data sources.
 - Developed the Assignment Review feature, enhancing the evaluation process.
 - Built a mentor/tutor booking system, streamlining scheduling and management.
 - Implemented Git version control, improving maintainability and collaboration.
 - Launched a new learning interface, enhancing user experience and engagement.
- **Domain:** <https://courses.funix.edu.vn/>

FUNiX Chat Discord GPT

December, 2023 – January, 2024

– Position: *Backend Developer*

FUNiX Chat Discord GPT is an AI assistant that helps students search for and solve problems during their studies. It uses OpenAI APIs to provide instant answers and keeps a search history, allowing students to review and reinforce their knowledge easily.

Electronic document storage management system

December, 2022 – August, 2023

– Position: *Full-stack Developer*

- **Description:** Developed a cloud-based document storage system for Lifetek, serving the Ministry of Internal Affairs and National Administration Vietnam. The system enables digital document management, electronic signatures, document collection, and destruction with strict security standards. It processes over 1 million documents per month and reduces processing time by 30% through integrated digital signature features.
- **Accomplishments:**
 - Designed and implemented core system features, improving system performance and reducing 50% of system errors compared to the initial version.
 - Collaborated with Business Analysts to create system specification documents, ensuring accuracy and scalability.
 - Developed an electronic signature feature, enhancing document authentication and security.
 - Built a daily document tracking system for efficient retrieval and monitoring.
 - Integrated automated document collection, storage, and destruction processes, optimizing data management.
 - Conducted testing and performance optimization, ensuring system stability under high document loads.
- **Domain:** <https://lifetek.funix.edu.vn/>

Explore more of my projects at: <https://www.kaidev99.com/>

ACADEMIC BACKGOURD

Bachelor's in Software Application – IT | FPT Polytechnic Hanoi

Graduation Year 2020

- GPA: 7.9/10
- Degree classification: Good

CERTIFICATE AND AWARD

Certificate of completion complete course with Kanban.

Certificate of completion Java Essential Programming.

OPERATING SYSTEMS

Linux

MacOS