

Shao-Chun Ma

Software Engineer

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Profile

A Java/Kotlin developer with 5 years experience in backend development, based in Berlin. Have permanent EU residence permit. Work with Kotlin, Spring Boot, RabbitMQ, PostgreSQL on microservice architecture. Have deployment experience on Kubernetes and AWS. Prefer clean code and complete monitoring system.

Employment History

03.2020 - Now	Software Engineer at SHARE NOW <ul style="list-style-type: none">• Implemented microservices with Kotlin, Java 17, Spring, RabbitMQ, PostgreSQL and MongoDB• Built simple frontend applications with TypeScript and Vue 2• Migrated Kubernetes services and databases from IBM Cloud to AWS• Analysed and monitored services with ELK, New Relic, Sentry, Prometheus, and Grafana• Improved CI/CD pipelines in Gitlab, including Helm charts• Defined SLOs and alerting rules, and envolved in the on-call schedule• Participated in long-term car sharing in a Scrum team	<i>Berlin</i>
08.2018 - 02.2020	Junior Full-Stack Engineer at omni:us <ul style="list-style-type: none">• Developed microservices with Java 8+, Spring, Python 3, Flask• Built data pipelines with Apache Airflow• Helped data scientists to maintain and deploy AI microservices• Managed PostgreSQL databases with SQLAlchemy• Extracted data from XML format to JSON format with Java• Provided a research proposal about Apache Kafka• Deployed Docker images with Kubernetes and Helm Charts• Automated CI/CD pipelines with Jenkins	<i>Berlin</i>
02.2017 - 12.2017	Web Developer (Student Job) at Lyrehouse <ul style="list-style-type: none">• Contributed to WordPress projects with PHP, MySQL, and Docker• Improved the project by refactoring into MVC architecture• Involved in weekly Agile meetings• Completed several reusable components	<i>Aachen</i>

Education

09.2016 - 07.2018	RWTH Aachen University Master of Science, Software Systems Engineering	<i>Aachen</i>
09.2011 - 06.2015	National Taiwan University Bachelor of Business Administration, Information Management	<i>Taipei, Taiwan</i>

Skills

Kotlin, Java, Spring Boot, PostgreSQL, MongoDB, RabbitMQ, Kubernetes, Sentry, ELK, New Relic, JavaScript, Vue

Languages

English, German, Chinese, Japanese