

JACK CARTER

SOFTWARE DEVELOPER

CONTACT

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jack-carter.me

Düsseldorf, Germany

SKILLS

Typescript Vue.js Koa

Java Node.js Python SQL

RabbitMQ Supabase Git

React Springboot Docker

ACHIEVEMENTS

Enabling Entrepreneurship

2019

Won: Best Business Plan

Munster Technological University

2023

Nominated for: Best Final Year Project

LANGUAGES

English: Native

German: B1 (Intermediate)

EXPERIENCE

Full-Stack Developer

Loomina

2024 - Present

- Developed a full-stack application written in Typescript, utilizing Vue.js for the frontend and Koa.js for the backend.
- Designed and integrated RESTful APIs in the backend to handle various functionalities, including live chat features and AI content generation.
- Implemented OAuth 2.0 using Supabase for authentication, integrating Google Login to enable secure and streamlined user sign-ins with real-time data management.
- Configured middleware in Koa.js for handling cross-origin requests, rate limiting, and authentication, ensuring secure and robust backend operations.

Software Engineer Intern

Logitech

JAN 2022 - SEPT 2022

- Worked closely with colleagues to conceptualize, research, build, test and develop innovative products and solutions.
- Engineered front-end features for web applications using React and Typescript.
- Implemented robust 3D solutions using Three.js and React.
- Took part in qualitative analyses of user test results to make directional decisions related to projects.
- Built efficient test environments in Unity using C#.

EDUCATION

BSc(Hons) Software Development (1.1)

Munster Technological University

2019 - 2023

- Engaged in hands-on coursework alone and in a team, gaining practical industry skills in the design, development and testing of software.
- Gained a strong foundation in multiple languages such as Java, Python and JavaScript, across topics including big data, data structures & algorithms and operating systems.

Software Development

Cork College of Commerce

2018 - 2019

- Completed a level 5 certificate in Software Development for the purpose of moving on to higher education at MTU.
- Covered fundamentals of the Software Development field including software architecture, networking, object oriented programming in Java and fundamentals of web development.