

TOMAS HAI HUNG NGUYEN

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EDUCATION

Charles University – Faculty of Mathematics and Physics, Prague 2020 - 2024
4th year, **Computer Science** – Web Development and Databases, Bachelor's

Gymnázium Ostrov, Ostrov nad Ohří 2012 - 2020
8-year program
Concluded with a matura exam, graduated with honours

EXPERIENCE

Full-stack Developer - Yolk Studio Jan 2024 - Present (8 mos)
On-site, Full-time
- Developed and maintained web applications using TypeScript and NestJS
- Collaborated with cross-functional teams to design and implement new features
- Optimized application performance and scalability
- Worked with modern technologies such as Docker and CI/CD pipelines

PROJECTS

Web Crawler with UI - React, Django, PostgreSQL, MaterialUI
Developed a web crawler with a user interface, automated scheduling, data visualization, and Docker deployment.

Guest Form for Booking - React, Django, PostgreSQL, MaterialUI
A form for guests with a simple dashboard for managing guests of my property, where we collect data for bureau.

Web-based POS System - React, Django, PostgreSQL, AntUI - *in progress*
My Bachelor thesis for developing point-of-sale system, for shops using modern web technologies.

Matrix library - C#
Project for my C# Course, where I implemented matrix operations

URL Search Engine - Python
This project is a text search engine that employs various techniques to search web content efficiently.

SKILLS

Programming in Django, React, C#, Java, Python, Kotlin, C++, JavaScript, SQL, PHP, Node.js, \LaTeX
Languages – Native **Czech**, Native **Vietnamese**, Advanced **English**

HOBBIES AND INTERESTS

Football	Owner, Manager, and Team Leader of football club in Hanspalska league currently in 8th division.
Photography and Cinematography	Doing from time to time freelance photography for firms, weddings, portraits.
Children Camp Supervisor	I am a supervisor since 2021 of a buddhistic children camp.
Avid Star Wars Fan	Passionate Star Wars fan, immersed in its universe through films, books, and memorabilia.