



# Yanko Rashkov

Full Stack developer, Hull Design Engineer / Naval architect

Aspiring programmer with a strong passion and eagerness to learn Python for developing new technologies. Solid foundational knowledge in Python programming from SoftUni. Highly motivated to join the dynamic and innovative tech industry. Currently working as a Hull Designer.



## EDUCATION

### Python Full Stack Developer Software University

05/2022 - 04/2024

Sofia, Bulgaria - Remote

#### Courses

- Python: Basics, Fundamentals, Advanced, OOP, Web Basic, Web Frameworks.
- Containers and Cloud, Software Engineering and DevOps, HTML & CSS, JS-FrontEnd.

#### Achievements/Tasks

- Gained experience with various data types, regex, file and error handling, unit testing, Python OOP principles, SOLID principles. Studied Django ORM, MVT, RestFramework and good Django practices. Familiar with PostgreSQL. Acquired a basic understanding of web scraping with Beautiful Soup, and GUI development with Tkinter. In DevOps, learned about cloud computing and containerization with Docker, Terraform, Azure, Jenkins, and GitHub Actions CI/CD, also tools like Prometheus, Alertmanager, and Grafana. Learned good practices in HTML, CSS, and Vanilla JavaScript, gaining experience with DOM manipulations, asynchronous operations.

### Master's degree – Naval Architect and Marine Engineer

TU - Varna

09/2007 - 06/2012

Varna, Bulgaria



## SKILLS

- Python

Django

Docker
- GitHub

GH Actions

Azure
- PostgreSQL

HTML/CSS

JS



## WORK EXPERIENCE

### Full Stack Developer - Python/ReactJS + TS

Data Systems Engineering - Ltd

09/2024 - present

Varna, Bulgaria - Onsite

Developing a custom ERP system tailored to the company's internal operations.

#### Achievements/Tasks

- Built a full-featured ERP system from scratch. Backend: Django REST Framework, PostgreSQL. Frontend: ReactJS + Vite, TypeScript, TailwindCSS, Shadcn. Deployed using Docker with NGINX as a reverse proxy and static file handler. Provided ongoing support and maintenance.

### Full Stack Developer - Python

CraftGenie AI

11/2023 - present

Sofia, Bulgaria - Remote

Work on different Backend, Frontend and DevOps tasks.

#### Achievements/Tasks

- Build custom chatbots with Python and Node.js, fine-tuning various LLMs to minimize hallucinations and ensure topic-specific accuracy. Develop RESTful API servers using Python/Django Rest Framework and Node.js. Create interactive UI applications with Vanilla JavaScript, HTML/CSS. Build UI for websites with React and TypeScript (RestAPI). Build and connect microservices using Docker as a test environment before deployment. Develop CI/CD jobs and pipelines in GitLab.

### Hull Design Engineer

"SMEV" Ltd.

02/2021 - 08/2023

Varna, Bulgaria

Design mega/super yachts and small work/accommodation vessels

#### Achievements/Tasks

- Prepare and design hull structures, drawings, 3D models and provide production information for mega/super yachts.

### Structure/Steel Outfit/ Hull Design Engineer

MTG-Dolphin plc.

10/2016 - 10/2017

Ezerovo, Bulgaria

Design and produce different type ships

#### Achievements/Tasks

- Design, draw, 3D model, different hull and steel outfit structures for merchant ships. Also, I was involved in inclining tests for ships in front of B.V. organization.

### Hull Design Engineer

AllStarsEngineering Bulgaria Ltd.

10/2017 - 06/2020

Varna, Bulgaria

Design mega cruise ships

#### Achievements/Tasks

- Prepare and design hull structures, drawings, 3D models and provide production information for mega cruise ships.

### Hull Design

Engineer/Draftsman

Keppel FELS Baltech Ltd.

07/2011 - 09/2016

Varna, Bulgaria

Design oil rigs, SSAU, SSDU

#### Achievements/Tasks

- Prepare drawings for different hull or steel outfit drawings and prepare 3D models for structures, heavy lifting documentation, and calculations for different type of Oil rigs.



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Varna



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github.com/qceka88/



## PROJECTS

#### About Me

- Portfolio web site written on Flask with trained chat bot to answer questions about me.

[GitHub Repo](#)

#### MyMotoMadness

- Website for selling offers and news/articles. Personal messages. Django ORM, PostgreSQL, HTML, CSS, JS, Bootstrap.
- [www.mymotomadness.eu](http://www.mymotomadness.eu)
- [GitHub Repo](#)

#### MA-Service

- Static website: JavaScript, HTML, CSS, SMTP Email Server, GoogleMaps.
- [GitHub Repo](#)
- <https://ma-service.onrender.com/>

#### ImageTranslate - Tkinter Project

- Small project: Tkinter, OpenCV, EasyOCR, Python.
- [GitHub Repo](#)
- [YouTube Demo](#)



## CERTIFICATES

#### Python Web Developer

Certificate: [Web Developer](#)

#### Python Advanced & OOP

Certificate: [Advanced](#) Certificate: [OOP](#)

#### Python Web Basic & Web Framework

Certificate: [WebBasics](#) Certificate: [Web Framework](#)

#### Containers and Cloud

Certificate: [Containers And Cloud](#)

#### Software Engineering and DevOps

Certificate: [Software Engineering and DevOps](#)

#### HTML & CSS and JS-FrontEnd

Certificate: [HTML & CSS](#) Certificate: [JS-FrontEnd](#)