Yanko Rashkov

Python developer, Hull Design Engineer / Naval architect

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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.

ATEST 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 handling, error handling, unit testing, and Python OOP principles. Learned SOLID principles, Django ORM, PostgreSQL, and good Django practices, including CBV, signals, and middleware. 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, as well as monitoring tools like Prometheus, Alertmanager, and Grafana. Also learned good practices in HTML, CSS, and JavaScript (frontend), gaining experience with DOM manipulations, async/await, and fetch requests.

Master`s degree – Naval Architect and Marine Engineer
TU - Varna

09/2007 - 06/2012   *Varna, Bulgaria*

WORK EXPERIENCE

Full Stack Developer - Python
CraftGenie AI

03/2024 - 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-Doplhin 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.*

SKILLS

Python | Django | Docker | GitHub | GH Actions | Azure | PostgreSQL | HTML/CSS | JS

PROJECTS

About Me
- Portfolio web site writen 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
- GitHub Repo

MA-Service
- Static website: JavaScript, HTML, CSS, SMTP Email Server, GoogleMaps.
- GitHub Repo
- https://ma-service.onrender.com/

ImageTranslate - Tkinter Projcet
- 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