Curriculum Vitae

NIKOLAI KOCEV

SOFTWARE DEVELOPER

GENERAL INFO

Motivated Full-Stack Junior Developer with a strong drive for tackling new challenges to advance my professional and personal growth. Passionate GNU/Linux enthusiast committed to leveraging its capabilities for innovative problem-solving.

Github: /NikyAviator

SUMMARY OF QUALIFICATIONS

- GNU/Linux
- HTML & CSS (Bootstrap)
- JavaScript
- React
- Java
- SQL
- Git
- Docker

Interests:
- Bash, Networks, Kubernetes, Raspberry Pi, OpenWrt, Virtual Machines, Cloud Computing.

EDUCATION SUMMARY

- Teknikhögskolan - Fullstackutvecklare
- South Sweden School of Aeronautics
- Svensk Pilotutbildning AB
- Gymnasieskolan Spyken, Lund, Naturvetenskapliga programmet

SELECTED EXPERIENCE

Backend Developer - IKEA - Interaction Core

IKEA (Feb - Aug 2023): In collaboration with my classmate, Gustav H. We authored a thesis on Redis vs. Bigtable at the request of IKEA. This project was aimed at determining the most suitable technology for the team, enhancing our collective understanding of database solutions. Subsequently, I contributed as a summer contractor in co-developing a Bigtable API.

Thesis - Database Drag Racing
Python (Locust), Redis & Bigtable, Bash, Docker, GCP

- Thesis together with my classmate Gustav H. We are comparing Redis with Bigtable. We wrote the API and the tests in Python. We used Locust framework for testing.
- https://github.com/NikyAviator/db_drag_racing

CONTACT INFO
Given on request.

Please visit my website:
https://nikyaviator.dev

References:
Given on request.

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WORK HISTORY

Teknikhögskolan - Fullstackutvecklare - inriktning JavaScript

Student | Aug 2021 - June 2023

Higher vocational education, full-time, at Teknikhögskolan in Lund, Sweden. Length: two years (400 YH-poäng).
https://teknikhogskolan.se/utbildningar/fullstackutvecklare-javascript/

History

Aug 2023
Feb 2023

Backend Developer - IKEA - Interaction Core
JS, Python (Locust), Redis & Bigtable , Bash, Docker, GCP (Google Cloud Platform)

From February to April 2023, I interned at IKEA, during which I wrote a thesis on Redis vs. Bigtable, deepening my grasp on team-utilized technologies. Following this, I joined as a summer contractor from June to August 2023. Alongside two colleagues, we developed a Bigtable API.

Jun 2022
Apr 2022

Frontend Developer - ONE Nordic AB
C#, JS & Bootstrap

During my first internship, which lasted for two months, I was tasked with improving the design (UX/UI) of the company's new website. I also helped to improve the website's responsiveness by utilizing Bootstrap, implemented the Google Maps API, and performed other tasks as needed.After my internship, I was hired as an employee for an additional month, where I continued to assist in various tasks related to web development and design.

Aug 2021
Jan 2021

Airport Analyst - Flygprestanda AB
GNU/Linux

Updated an in-house database with new information (new runways, obstacles etc). Created engine-out procedures on request from customers. We used GNU/Linux (Debian) for our work.

July 2020
Oct 2019

Freelance First Officer - Royal Air, Bromma
C525

Flew for a small private jet company (Cessna Citation CJ3). I was located in Stockholm. When Covid-19 hit business slowed down. I moved back to Skåne and continued to work as a Flight Instructor and simulator pilot.

Aug 2021
Jan 2018

Kristianstad Flygklubb - FI (PPL)
PA28

Flight instructor, taught students to fly small airplanes in Kristianstad, Skåne. Also flew tour flights for people who wanted to try flying.

Dec 2020
Jan 2017

Simulatorpilot - Entry Point North, Malmö
Simulatorpilot

EPN offers a computer-based simulation that allows students training to become air traffic controllers to practice controlling airplanes in a controlled environment. This simulation provides a safe and effective way for students to develop the necessary skills and experience before entering the field. I was controlling the airplanes.