Curriculum Vitae

NIKOLAI KOCEV

SOFTWARE DEVELOPER

GENERAL INFO

My name is Nikolai Kocev, and I am a junior software developer with a particular focus on JavaScript and Java.

- **Website: nikyaviator.dev**
- **Github: /nikyaviator**

QUALIFICATIONS

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

EDUCATION

- Teknikhögskolan - Fullstackutvecklare
- South Sweden School of Aeronautics
- SPU Flight Academy
- Swedish Armed Forces, Amfibieregementet (Amf 1), GRK (Mortar Platoon).
- 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

Email: nikyaviator@gmail.com

References:

Given on request.

Curriculum Vitae

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).
Two internships were integral components of the program.

History

Aug 2023
Feb 2023

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

During my second internship, at the suggestion of my boss, my classmate
and I tackled a thesis comparing Redis and Bigtable to enhance our
team's tech understanding. After wrapping up the thesis, I continued as a
summer contractor from June to August, collaborating with two
colleagues on developing a Bigtable API.

Jun 2022
Apr 2022

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

During my first internship, I focused on enhancing the UX/UI design of the
company's new website, improving responsiveness with Bootstrap, and
integrating the Google Maps API. Following the internship, I was employed
for an extra month as a summer worker, further contributing to web
development and design tasks.

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.

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.

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

At EPN, I operated a specialized software simulation for ATC student
training, executing aircraft control commands issued by the trainees. This
role involved managing virtual aircraft within the simulated environment,
providing a realistic and safe training experience to develop their air
traffic control skills.