Robin Cavlek

IT CONSULTANT FOR SECURITY AND DEVELOPMENT

Profile

I'm a dedicated individual with a varied experience that spans from software development to launching and running my own mobile app. My education includes a Bachelor's degree in Information Technology, with solid expertise in areas such as web development, object-oriented programming, algorithms, data structures, operating systems, and cybersecurity.

My passion for technology and continual learning propels me forward. Currently, I am particularly focused on artificial intelligence and am working diligently towards an Azure certification to enhance my cloud computing skills. My aim is to contribute to creating innovative and sustainable solutions.

Employment History

CTO, CetchApp, Strømmen

MARCH 2021 — PRESENT

As a co-founder and project manager of my own mobile application, I have been involved in every aspect of the process, from initial conceptualization to ongoing maintenance. This has included:

- Planning of design and functionality: I have been responsible for defining the app's aesthetic and functionality, working closely with designers to bring the vision to life.
- User testing: To understand and meet the target audience's needs, I have conducted thorough user testing, which has significantly shaped the app's development.
- Implementing design and features: I have been accountable for translating design and functionality into tangible code, ensuring that the application meets necessary specifications.
- Unit testing: I have performed comprehensive unit testing to ensure the app's reliability and performance.
- Continuous maintenance: I have consistently worked on updates and improvements to guarantee an excellent user experience.

Additionally, I have had the pleasure of leading a dedicated team of professionals, placing high importance on maintaining effective communication within the organization to ensure successful collaboration and project delivery.

Substitue Teacher, Lillestrøm kommune, Strømmen

JANUARY 2018 — PRESENT

In my current role as a substitute teacher for elementary-level students, I have contributed to creating a pleasant and supportive educational environment for both pupils and colleagues. My efforts have included the efficient distribution and presentation of assignments, facilitating both group activities and individual work. I have consistently ensured that tasks are communicated in a meaningful and comprehensible manner, which has led to a more positive learning experience for the students and a more effective workflow for my colleagues.

Homeroom Teacher, Lillestrøm kommune, Strømmen

SEPTEMBER 2022 — JUNE 2023

Details

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DATE OF BIRTH

03.01.1998

Skills

JavaScript

Java

Security analysis

React

React Native

HTML

CSS

Problem solving

Git

TypeScript

Idea development

User testing

Prototype development

Cryptography

JSON

SQL

Algorithms

Powershell

Unit testing

Network security

DevOps

In my role as a homeroom teacher at Sagdalen School, I embraced the responsibility of supporting and guiding the students in my class. As their homeroom teacher, I served as a positive role model, undertaking the task of ensuring that they received the necessary assistance and support to thrive both academically and socially. My responsibilities included:

- Planning and conducting lessons in accordance with the curriculum.
- Monitoring student attendance and identifying any academic or social challenges.
- Working closely with the school's administration and other staff to devise effective solutions and support measures for student progress.

In this role, my goal was to create an inclusive and supportive learning environment in the classroom that not only contributed to the students' success but also ensured they felt comfortable and safe. I considered it my duty to be a dependable resource for the students, their parents, and the school.

IT Support, Sarpsborg kommune, Sarpsborg

MAY 2022 — JUNE 2022

In my position as IT support at Borg High School during exam periods, I was responsible for monitoring the network to prevent cheating and assisting students with any IT-related issues. This experience provided me with valuable insight into the importance of being able to act quickly and efficiently in the face of unforeseen circumstances, particularly under time constraints.

IT Consultant, Sunnaas Hospital, Bjørnemyr

JANUARY 2022 — JUNE 2022

Translating your consultancy experience at Sunnaas Hospital into English:

During my tenure as a consultant at Sunnaas Hospital, I was charged with developing a prototype for a secure video platform to be used by speech therapists and their patients. This project involved meticulous planning for the storage of sensitive information, authentication security, and the development of a user-friendly prototype.

I took a comprehensive approach to the project, working on both the backend and frontend to ensure that the prototype met the client's specifications. The prototype was developed using React, where I was primarily responsible for user registration, login procedures, as well as secure storage and hashing of sensitive data. Additionally, I collaborated closely with a designer to integrate new design elements and enhancements into the prototype.

My role as a consultant for Sunnaas Hospital afforded me the opportunity to showcase my skills in system development and security, while also contributing to shaping a platform that could have a positive impact on healthcare.

Education

Bachelor's Degree in Computer Science - Design and Development of IT Systems, Høgskolen i Østfold, Halden

AUGUST 2018 — JUNE 2022

I have completed a bachelor's degree in computer science, specializing in the design and development of IT systems at Østfold University College. This study has provided me with a solid foundation in several key areas of computer science. My academic knowledge base includes extensive training in web development, object-oriented programming, algorithms, data structures, operating systems, and data security.

During my studies, I also developed practical skills including website administration, software development, database management, and project management. My

ERP

Project management

Amazon AWS

Postman

PHP

Python

Azure OpenAI

Azure Active Directory

Languages

Norwegian

English

Croatian

specialization in data security has given me a deep understanding of how to effectively handle security challenges in development and operational environments.

I have actively participated in several projects, both individually and as part of interdisciplinary teams. This has not only provided me with practical experience but has also strengthened my communication and collaboration skills. I have had the opportunity to apply my knowledge and skills for the benefit of others, and I am proud to have contributed to projects including:

Parking App

Developed a prototype for a parking app that allowed users to rent out their parking spaces or lots. This project involved thorough testing and implementation in the Halden area. I used React Native for cross-platform mobile development and Node.js for backend administration. This included the integration of Google Maps for mapping services and Stripe for secure transactions.

Mobile Application

A significant achievement during my studies was the development of a mobile application that later inspired the founding and launching of my own. I created a social media platform with dynamic features and live chat using Kotlin in Android Studio. I employed Firebase for simple storage of user data and real-time updates, while Firebase Authentication ensured secure user authentication, and Firebase Cloud.

Framework for 2D Games

My project to develop a 2D game framework demonstrated my ability to create software tools. I used LibGDX as my framework for creating 2D games using Java. This provided a solid foundation for game development with good performance and flexibility. I embraced this project because it took me out of my usual development comfort zone.

Student and Teacher Forum

I participated in a group project that involved the creation of a forum for students and teachers. There, users could ask questions related to chosen subjects, and lecturers could respond. I was responsible for the development of the website, where I used HTML, CSS, and JavaScript for the front-end, and PHP for the backend to manage user creation and content administration. I also enhanced the site's security by implementing SSL certificates, authentication mechanisms, and input filtering. Hosting was managed on AWS for reliable performance and scalability.

Substudy in Ethics and Philosophy, Norges Arktiske Universitet, Cape Town

SEPTEMBER 2017 — DECEMBER 2017

I have completed extensive studies in ethical theories, history, and social conditions in South Africa. This included in-depth research and fieldwork, where I visited slum areas to explore the complex social and economic issues that characterize the community and their profound ethical implications.

The results of my studies and fieldwork were reflected in academic assignments that I wrote, where I shared my findings and analyses. This work has helped to broaden my understanding of ethics, society, and cultural contexts, and it has provided me with valuable insights that I can apply to future challenges and tasks.