

DAMJAN ZIMBAKOV

CS Student | Mobile App Developer | ML Enthusiast

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SUMMARY

Computer Science student building production ML systems and cross-platform mobile applications. Experienced in shipping end-to-end solutions - from data pipelines and model training to scalable APIs and Flutter mobile applications with 1,000+ users. Proven ability to translate complex datasets into actionable insights through freelance work and course creation. Seeking internships and job opportunities to leverage expertise in Python, machine learning, Git, and cross-platform Flutter development.

EDUCATION

Faculty of Computer Science & Engineering

Bachelor in Computer Science, GPA: 9.2/10

Skopje, Macedonia

09/2023 – 06/2026

Morenci Area Schools

High School Diploma

Morenci, MI, USA

09/2022 – 06/2023

EXPERIENCE

Mobile Developer

Hubby eSIM

03/2026 – Present

Flutter, Dart, Riverpod, Firebase

- Contribute to a feature-first Flutter app for eSIM travel services serving 500,000+ annual users, working on new features, maintenance, and product improvements across Android and iOS.
- Build responsive UI, reusable components, and efficient state management using Riverpod, Freezed, and go_router.
- Handle data modeling, code generation, debugging, and performance optimization to keep the app stable, scalable, and maintainable.

Laboratory Teaching Assistant

Faculty of Computer Science & Engineering Skopje

10/2025 – 02/2026

- Supervised and assisted 200+ students in Structural Programming and Intro to Computer Science laboratory exercises, explained concepts, guided them through exercises, graded assignments, and proctored midterms and finals.

Mobile Developer

NexTime MK

10/2024 – Present

Flutter, Dart, Firebase, Git

- Led the mobile app development and deployment of a cross-platform Flutter appointments scheduling app for Android & iOS.
- Integrated Firebase push and in-app notifications, and scalable state management, ensuring a robust and reliable application.
- Implemented calendar syncing, unit testing, and analytics tracking, optimizing overall app performance and user engagement.

Full-Stack Web Developer

Dental Center Zebekov

06/2024 – Present

FastAPI, PostgreSQL, Docker, Nginx, Next.js

- Built a full dental clinic web platform with a public site and admin dashboard, centered on a robust API and secure experience.
- Implemented doctor management, appointment scheduling with availability checks, multiple calendar views, and multilingual support, expanding reach to international patients and improving operational efficiency.
- Delivered a secure, and reliable system using modern technologies and DevOps practices for strong performance and maintainability.

Course Creator

Coddy, Inc

03/2023 – 06/2025

C++, Python, Java, JavaScript

- Designed and authored 10 practice-driven programming courses with integrated in-browser exercises, bite-sized lessons, and automated evaluation. Produced example solutions, test cases, and instructional content used by 600+ learners on the platform.

PROJECTS

Court Vision AI | *Python, FastAPI, PostgreSQL, Docker, NextJS, React, TailwindCSS*

06/2025 – Present

- Developed and deployed a full-stack tennis prediction platform, incorporating machine learning models for predictions, backend analytics, ELO ratings, and player statistics.
- Enhanced user experience through a responsive UI/UX, ensuring fast rendering and secure data sharing.
- Implemented data visualization for shot charts and point analytics, providing actionable insights from complex datasets.

Lane Detection CV | *Python, OpenCV, U-Net, CNN, Git*

08/2025 – 09/2025

- Implemented road lane detection in video using OpenCV for preprocessing and U-Net/CNN architectures for segmentation and feature extraction, enabling accurate lane tracking and deep learning model application.

TECHNICAL SKILLS

Languages: Python, Java, Dart, C++, SQL, JavaScript, TypeScript

Frameworks: Flutter, FastAPI, Next.js, React

Developer Tools: Git, Docker, CI/CD, Firebase, Nginx, Cloud Hosting

Libraries: Scikit-learn, NumPy, pandas, TailwindCSS, TensorFlow