Mihail Dobroslavski

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Profile

Computer Science undergraduate with 2 years of full-stack production experience in the media sector. Strong focus on frontend development using React and TypeScript, with exposure to backend services and cloud deployment. Teaching assistant and student council member with expertise in systems programming. Open-source contributor with personal projects showcased on GitHub.

Skills

Languages: C++, TypeScript, JavaScript, SQL, HTML/CSS, Java
Frameworks & Libraries: React, Node.js, Koa, Tailwind CSS, video.js, Knex
Tools & Platforms: PostgreSQL, Docker, Azure, Git, Keycloak, Storybook
Concepts: REST APIs, Authentication (JWT/OAuth), CI/CD, Infrastructure as Code, Containerization

Experience

Software Engineer   *Jan 2024 – Dec 2025*
Bulgarian National Television   Sofia, Bulgaria
Stack: React, TypeScript, Node.js, Koa, PostgreSQL, Keycloak, Azure, Docker, Terraform

- Contributed to **BNT Play**, a national-scale VOD and streaming platform serving **20 thousand active users** across Bulgaria's broadcast infrastructure.
- Engineered a reusable UI component library using **Storybook** and TypeScript, standardizing the design system across the BNT Play platform.
- Implemented video playback utilizing **video.js**, supporting **HLS streaming** for live broadcasts and progressive MP4 delivery for on-demand content.
- Collaborated with a small development team to deliver production features using established Azure infrastructure and CI/CD workflows.

Teaching Assistant   *Sep 2023 – Present*
Faculty of Mathematics and Informatics, Sofia University   Sofia, Bulgaria
Stack: C++, Data Structures and Programming, OOP

- Mentored **75+ students** across 3 core CS courses, conducting weekly lab sessions and code reviews.
- Authored **automated test cases** for grading assignments, improving grading efficiency and consistency.
- Provided 1:1 mentorship on complex topics like memory management and OOP principles, helping students master foundational concepts.

Education

Bachelor of Science in Computer Science   *2022 – 2026 (Expected)*
Sofia University St. Kliment Ohridski, Faculty of Mathematics and Informatics
Relevant coursework: Data Structures, Algorithms, Operating Systems, Databases, OOP, Computer Networks

Leadership & Community

Student Council Member   *Apr 2024 – Present*
Faculty of Mathematics and Informatics

- Organized **FMI Codes**, one of Bulgaria's largest student hackathons with **100+ participants** across 18 teams; led technical production for a 7 hour live-streamed closing ceremony.
- Coordinated logistics and onboarding for 300+ first-year students during **Freshers Weekend FMI Edition**.
- Led the organizing team for **FMI Game Olympics** tournaments across chess, board games, table tennis, and esports.

Languages

Bulgarian (Native) | English (B2–C1, Professional Working Proficiency)