

# Ivan Yachmenov

## Aspiring Full Stack Developer

### Contact information

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Location: Bratislava, Slovakia



<b>Summary of Qualifications</b>	<p>Applied Informatics student at Slovak University of Technology in Bratislava, Faculty of Electrical Engineering and Information Technology, growing as a junior full-stack developer focused on modern web applications, clear client–server architecture, and clean RESTful API integration. Conveniently convert requirements into reliable functions while maintaining code readability and structure. Looking for a team that builds real products, values engineering discipline, and encourages continuous improvement. My goal is to contribute to shipping user-facing functionality while expanding my skills through new tools, patterns, and collaborative development practices.</p>	
<b>Skills</b>	<p>Skills include frontend development with <b>React</b> and JavaScript, confident use of client-side routing and robust API integration, with additional experience using <b>Redux</b> and React Query. Familiar with CSS framework <b>Bootstrap</b>. Backend skills include strong foundation in <b>Django</b> and Django <b>REST Framework</b>, handling authentication and authorization with JWT-based flows (including cookie-based setups) and <b>OAuth2</b> social login. Moreover, have practical experience while working with <b>Spring Boot</b>, <b>Angular</b>, and <b>Flask</b> for lightweight web apps.</p> <p>Familiar with <b>Node.js</b>, <b>Next.js</b>, <b>Express.js</b>, and MongoDB tooling including Mongoose. Comfortable working with relational (<b>PostgreSQL</b>, <b>MySQL</b>) and NoSQL databases (<b>MongoDB</b>), Git-based workflows, and writing maintainable, well-structured code, with strong comprehension of OOP, algorithms, data structures, and clean software design principles such as <b>SOLID</b>, DRY, KISS. Acquainted with <b>Feature-Sliced Design</b> during the development of an E-learning web application.</p> <p>Theoretical knowledge of <b>Agile (Scrum)</b> project management framework.</p>	
<b>Languages</b>	<p>English – Upper intermediate</p> <p>Slovak – Upper intermediate</p> <p>Ukrainian – Native</p> <p>German – Beginner</p>	

<b>Experience / IT related educational practice</b>	<p><b>E-Learning Platform</b>(React, DRF) for programming languages: September 2025 – Present Developing a full-stack e-learning platform (React, Django REST Framework, PostgreSQL, and OAuth 2.0) with course enrollment, different types of test questions and timed/untimed quizzes. Responsibilities include role-based access for student/teacher workflows, progress and attempt history tracking, media uploads and profile/UI customization.</p> <p><b>Real-Time Chat Application</b> (MERN, Socket.IO) February 2026 – Present Currently building a real-time chat application with React, Node.js/Express, MongoDB, and Socket.IO, focusing on secure authentication and core live features such as group chats, online presence, typing indicators, and instant messaging. Emphasis on reliable real-time delivery and scalable architecture for persistent connections.</p> <p><b>Code Sharing Platform</b> (Angular, Spring Boot, in-memory H2) January 2026 Modern web application for sharing code snippets via UUID links with optional time-based and view-based restrictions, including a “latest snippets” feed and an API health check. Implemented a clean REST API with a layered backend structure and a responsive Angular UI, using an in-memory H2 database.</p> <p><b>Insurance Company</b> (Java, OOP) April 2025 – May 2025 Designed and implemented a Java-based insurance company domain model as a university course project, applying OOP principles and TDD with unit tests. Implemented the solution from a provided PDF specification and baseline UML model, validating required behavior through tests.</p>
<p><b>All these projects are available in public repositories on <a href="#">GitHub</a>.</b></p>	

<b>Education</b>	<p>Classical Gymnasium — 2016–2023 Sumy, Ukraine</p> <p>Slovak University of Technology in Bratislava(STU), Faculty of Electrical Engineering and Information Technology (FEI) — BSc studies in Applied Informatics (Security of Information Systems) — 2023–2026 Bratislava, Slovakia</p>
<b>Additional education</b>	<p><a href="#">Frontend Developer</a> (HTML, CSS, JS) <a href="#">Python Developer</a> (OOP, debugging, OS, testing, AST, regexps, async) <a href="#">Databases with SQL and Python</a> (RDBMS, NoSQL, SQL, queries, SQLAlchemy, SQLite) <a href="#">Introduction to Django</a> (Django, DFR, SOLID, ORM, MVC, MVT, OAuth2.0, PostgreSQL)</p> <p>Courses by <a href="#">JetBrains Academy</a></p>
<b>Hobbies</b>	<p>Programming: interested in blockchain, web development and especially Web3.</p> <p>Sport: disciplined trainings in gym. Math: calculus, abstract algebra.</p>