

**Full stack** developer from Sarajevo with strong experience in **object-oriented programming** and relational and non-relational **databases**. Strong optimist, well organized and communicative.

**Skills:** C++, JavaScript, TypeScript, Python, HTML, CSS, MySQL, NoSQL, Bootstrap, ReactJS, Redux, Next.js, Git, Postman, Insomnia.REST, MongoDB, Node.js, Java, English (Professional Proficiency)

## SOFTWARE DEVELOPMENT EXPERIENCE

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Comms – meeting platform with live Q&A support – [\[GITHUB\]](#) – [\[DEMO\]](#)

*Node.js / Express / EJS / PostgreSQL / Socket.IO*

- Created **Web app** for meetings and events with **cloud** storage.
- Used **EJS view engine** to perform HTML **server-side rendering**.
- Designed a **PostgreSQL (SQL)** database using **DBaaS** provider.
- Created secure **RESTful APIs** with **Node.js** which queried a database and returned either JSON or HTTP status codes.
- Tested **CRUD** API endpoints for security vulnerabilities using **insomnia.rest**.
- Consumed APIs in **asynchronous** client-side **JavaScript**.
- Implemented live support for liking, answering and adding new questions using **web sockets**.
- Developed secure **HTTP state management** using **JWT tokens** stored in cookies via **Express** middleware.
- Enhanced platform with **CSS** animations, **responsive design**, timestamp tracking, drag & drop file uploading, SMTP email integration, and thorough **Git** documentation.

Chess – [\[GITHUB\]](#) – [\[WEBSITE\]](#)

*React*

- Implemented a chess game using **React**, storing the 8x8 matrix data structure in component state to track the positions of the pieces.
- Piece cemetery **UI** is updated whenever a piece is captured.
- Implemented movement history and highlighting.

Sarajevo weather app – [\[GITHUB\]](#) – [\[WEBSITE\]](#)

*React / External API*

- Developed weather forecast app with **React** utilizing **JSON** data from external API, displaying up-to-date weather information with an intuitive and **user-friendly interface**.
- Created dynamic background that changes with the time of day, featuring city scenes during the day and night.

## SOFT SKILLS

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- Effective Communication: Ability to communicate ideas and thoughts clearly and concisely, both verbally and in writing clean code.
- Open Mind: Willingness to listen and consider different perspectives.
- Customer Service Experience: Demonstrated social skills through **previous work experience in a busy coffee shop**.

## EDUCATION

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- University of Sarajevo, Faculty of Science (CS)
- High School of Electrical Engineering Sarajevo (IT)