

# ANDREI GĂTEJ

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## EMPLOYMENT

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June 2022 – November 2022 (during the vacation that precedes the last university year)

**Software Developer**, Price Edge Solutions AB, Stockholm, Sweden

- Solved interesting and challenging problems with **SQL** (Microsoft SQL Server)
- Built complex UI flows with **React**
- Learned lessons about architecture and gained insights about **React** ([my studies](#) in advance also helped)

February 2021 – June 2021 (during the 2nd semester of the 1st university year)

**Software Developer**, DIGITAP WORLD, Cluj, Romania

- Improved and developed the main product, a PWA, using **Vue.js (Nuxt.js)**
- Found ways to improve the DX: adopting a commit convention, setting up the DEV environment
- Written Nakama modules in **Lua** and **Go**

June 2019 – December 2019 (during the last year of High School)

**Software Developer**, DATASTACK SOLUTIONS, Bucharest, Romania

- Successfully and accurately translated design specifications into working code
- Leveraged **RxJS** in order to efficiently handle and combine complex data flows
- Integrated Google APIs in order to achieve business objectives
- Created and maintained widgets that were used across the entire application
- Technologies used: **TypeScript, Angular, RxJS**

## PROJECTS

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**Sharing my programming journey**

- [andreigatej.dev](http://andreigatej.dev) (more information about me, [technical articles](#), more [projects and contributions](#))
- technical articles on [inDepthDev](#), [YouTube](#) videos, answering questions on [Stack Overflow](#)

**Decent Debates** ([GitHub repository](#))

- Implemented a real-time notification system with **Server-Sent Events**
- Developed a real-time commenting system with **WebSockets**
- Architected the review process in which moderators and users take part in order to discuss tickets
- Technologies used: **React (Next.js), Node (Nest.js), PostgreSQL, Redis**

**Vote Monitoring Application** ([Open Source contribution](#))

- Enhanced layouts of significant parts of the application
- Fixed bugs and implemented new features
- Technologies used: **Angular, RxJS**

**Invoice Application** ([GitHub repository](#))

- Designed and implemented the database schema
- Incorporated complex features, such as: dynamic creation/modification of documents, exporting the document as PDF/Excel files, historical reporting
- Developed a REST API along with logic responsible for authentication and authorization
- Technologies used: **Vue.js, Node.js, MySQL, Express.js**

## EDUCATION

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October 2020 – July 2023

**University of Bucharest**, Faculty of Mathematics and Informatics, B.S. in Computer Science

## SKILLS

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**proficient:** HTML, CSS, JavaScript, TypeScript, Angular, Node.js, React, SQL, RxJS, Docker, Next.js, Nest.js, webpack

**familiar:** Go