

Tudor Bodea

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SUMMARY

Versatile Full Stack Development student with hands-on experience in React.js, Express.js, and MongoDB. Built and deployed a fully functional web app with multiple API integrations. Passionate about learning new skills and open to contributing to projects across different areas of technology.

PROJECTS

Skillify Ai

[GitHub Repo](#)

- Developed a full-stack website using React.js, Express.js, and MongoDB.
- Responsive learning page with multiple categories
- Implemented user authentication, payment integration, API calls, email sending.
- Deployed the app online and reached 24k users.
- [Got reviews from different websites](#)

Mentis

[Frontend Repo](#)
[Backend Repo](#)

- Built a responsive dashboard for finding out the perfect therapist
- Used React.js, Express.js and MongoDB
- Made calls to the OpenAi API
- Added cookies to save the login credentials

8 Bit Microcontroller

[GitHub Repo](#)

- Implemented a fully functional 8 bit microcontroller
- Used VHDL and a FPGA
- Stack for returning from function calls
- Contains Ports for I/O operations and an Interrupt System

EDUCATION

2024 - present Undergraduate Student (Computer Science) at **UTCN**
2020 - 2024 Baccalaureate diploma at **Liceul de Informatică "Tiberiu Popoviciu"** (9.7/10)

GRADES

| | |
|--------------------------------|-----|
| First semester | 9.8 |
| Computer Programming | 10 |
| Logic Design | 10 |
| Data Structures and Algorithms | 10 |
| Digital System Design | 10 |

PERSONAL SKILLS AND COMPETENCES

Mother tongue

Foreign languages

Romanian

English: Upper-Intermediate (B2)

German: Beginner (A1)

Technical skills and competences

- Full-stack development: React.js, Express.js, Node.js, MongoDB
- Programming Languages: C, C++, JavaScript, Java, Python, C#,
- Mathematics: Real and complex calculus, differential equations, statistics and probability
- Database Management Systems: Oracle Database
- IDEs: Microsoft Visual Studio 2022, Visual Studio Code, IntelliJ IDEA, pyCharm
- Office suites: Microsoft Office 2010
- Graphics and video editing: Adobe Photoshop, Adobe Premiere Pro
- Computer science domains: Software engineering, databases, basic understanding of quantum computing

Accomplishments

- First place in Quantum Speed — WorldQuantumDay in April 2023
- Participations in PoliHack, Atcoder (880 elo), Cloudflight Coding Contest, Bosch Future Mobility Challenge

Hobbies

Science, sports(climbing, cycling, hiking), reading, chess, learning, philosophy