

# Vlad-Gabriel Apostol

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## Education

- BS**    **University of Bucharest**, Computer Engineering    Oct 2023 – Present
- **Coursework:** Data Structures and Algorithms, Computer Networks, Databases, OOP, Digital Electronics, Linear Algebra, Calculus
- HS**    **National College "Barbu Știrbei Călărași"** - Specialization: Mathematics and Computer Science, intensive English    Sep 2019 - Jun 2023

## Projects

### Supply Chain Management App

GitHub [↗](#)

- Developed a full-stack Django application to streamline supply chain operations
- Integrated Apache Kafka for real-time event streaming and processing. Deployed Kafka consumers for dynamic stock and order status updates
- Enabled geolocation-based visualization and analytics for supply chain entities

### Restaurant Mobile

GitHub [↗](#)

- Developed a cross-platform food delivery app using React Native and Expo.
- Implemented complex navigation flows with drawer, bottom tab, and stack navigators using React Navigation.
- Integrated RESTful APIs with Axios and structured state and business logic using custom hooks and context providers.

### Transport Company Management App

GitHub [↗](#)

- Built a desktop application for trucking company operations using Java.
- Applied MVC and Observer design patterns for modular and maintainable code.
- Integrated JDBC for database access and implemented Service-Repository layers.
- Generated reports using JasperReports and packaged the app with Inno Setup.
- Collaborated closely with a teammate throughout the entire development process, improving communication and teamwork skills.

## Volunteering

### Management and Fundraising Department Director

Association of Students in Mathematics and Computer Science

Sep 2024 –  
Sep 2025  
(expected)

- Coordinate volunteer efforts and fundraising to support association sustainability
- Manage flagship projects: Cariere and Smarthack
- Lead partnership development with companies across IT and other industries
- Fostered a friendly and enjoyable team atmosphere

## Skills

**Languages:** English - Advanced(C1), Romanian - Native

**Soft:** Public Speaker, Motivated, Collaborative Team Player, Adaptable, Patient, Empathic, Self-Aware, Flexible

**Programming Languages:** Java, JavaScript, Python, R, C, C++, Assembly x86, C#, SQL

**Technologies:** Django, React, React-Native, Postgres, Oracle, Express.js, Node.js, REST, Cisco Packet Tracer, Apache Kafka, AWS, Git

**General:** Data Structures, Algorithms, Operating Systems, OOP, Databases, Computer Networks, Linear Algebra, Calculus, Electronics, CAD