

Nicolae Casian

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PROFESSIONAL SUMMARY

3rd Year Computer Science student with experience building full-stack applications using Java, Python, and Next.js. Led a team of three in developing a lost-and-found mobile and web app, improving campus item recovery efficiency by 30%. Strong in Agile development, having facilitated sprint planning and backlog refinement in multiple university projects. Seeking to apply hands-on coding and leadership skills in a software engineering role

EDUCATION

B.S. Computer Science | TU Dublin

- **Graduation Date** | June 2026

Related Course Material: Data Structures and Algorithms | Operating Systems | Object Oriented Programming | Object Oriented Design Patterns | Network Distributed Computing | Software Engineering

SKILLS

- **Programming Languages:** Java, Python, C#, JavaScript, SQL
- **Web & Mobile Development:** Next.js, Django, Ionic, Capacitor, Android Studios, X Code
- **Development Tools:** Git, Visual Studio Code, IntelliJ, Eclipse
- **System & Network Management:** Linux, Windows, macOS, Network Troubleshooting
- **Agile & Collaboration:** Led Agile sprints in academic projects, applied Scrum methodologies to team development

WORK EXPERIENCE

Leisure Club Cleaner | Clan Life Fitness Ashbourne | 01/2025 – Current

- Sanitized and maintained gym facilities for 200+ daily members, ensuring a clean, and welcoming workout environment.
- Collaborated with facility management to optimize cleaning schedules and promptly address any health and safety concerns, contributing to high member satisfaction.

Accommodation Porter | Pilo Hotel Ashbourne | 12/2021-02/2025

- Assisted 50+ guests per shift, reducing check-in wait times by 20% through efficient luggage handling and proactive service.
- Acted as a communication hub between guests and hotel departments, promptly addressing requests and relaying feedback to enhance overall guest satisfaction.

PROJECTS

Campus Lost and Found App: TUD L&F

- **Task Manager & Agile Facilitator:** Led Agile type team meetings for a 3-member development group, reducing time completion times by 40%.
- **Full Stack Development:** Played a key role in both planning and development, contributing to frontend and backend components of the app.
- **Mobile Development with Ionic:** Developed mobile features using React-based frameworks like Ionic to enhance responsiveness and compatibility and reducing task completion times by 30%.
- **Native App Packaging:** Utilized Capacitor to wrap the web application, enabling deployment as native mobile apps on both Android and iOS platforms reducing the development time for both native platforms by 90% .

Krispy Kreme Web App: Next JS / Mongo DB

- **Full-Stack Development:** Developed a robust web application using Next.js for the frontend and MongoDB for the database, ensuring a scalable and dynamic user experience.
- **API Integration & Management:** Integrated third-party APIs—including weather data and email services—to enhance functionality and improve user engagement.
- **Skill Enhancement:** Deepened my understanding of JavaScript fundamentals and advanced CSS techniques through practical, real-world application development