



Technology Graduate

Assiduous Corp Limited

Location: NovaUCD, Belfield Innovation Campus, University College Dublin

Type: Full-time, Office-based

About Assiduous

Assiduous is a fast-growing Irish headquartered fintech startup revolutionising how small and medium-sized enterprises (SMEs) access corporate finance expertise. Our flagship platform, the **Corporate Finance Autopilot®**, is an AI-native solution that enables business owners to plan, forecast, and execute their most valuable strategic and financial transactions.

We're at an exciting stage of growth and are seeking an exceptional technology graduate to support the development of our software solution. This role is open to class of 2026 graduates with a keen interest in AI native platforms and FinTech, with a degree in computer science or a related discipline.

The Role

We are recruiting a **Technology Graduate** with a strong interest in the application of computer science, modern AI tools and cloud technologies to the high use case of corporate finance. This is a rare opportunity to join an ambitious Irish fintech at a formative stage, where you will be instrumental in the development of the Corporate Finance Autopilot®, collaborating directly with other AI Product Engineers, product owners, design partners and early adopter customers.

You will be expected to contribute immediately to writing and shipping production ready code, with assistance from the latest AI coding tools and demonstrate a strong understanding and interest in the subject matter of corporate finance.

Responsibilities

- **Build and ship** full-stack features across backend APIs, PostgreSQL, and modern web UI
- **Design** schema changes, migrations, and data models for complex financial workflows
- **Write** integration and end-to-end tests as part of every delivery
- Build and **maintain** integrations with open-source and third-party platforms
- Extend **AI-native capabilities**: LLM integrations, document intelligence, embeddings, and assistants
- **Debug** issues across UI, APIs, background jobs, and third-party integrations
- Use **AI-assisted development** and multi-agent workflows to implement, review, and test changes in parallel across branches
- Contribute to Docker-based dev environments, CI/CD, and **production deployment**

Requirements

- **Class of 2026 graduate** with a degree in Computer Science, Engineering, Mathematics, Physics, or related field and be able to demonstrate proficiency in software development
 - Proficiency in Python and JavaScript/TypeScript with **strong coding best practices**, experience with React/Next.js or similar modern frontend frameworks
 - **Practical knowledge of AI integration**, including LLM orchestration, retrieval-augmented generation (RAG) and embedding/vector search and **familiarity with AI-assisted coding tools** (e.g. Claude Code, Codex, Cursor etc.) and emerging methodologies
 - **Hands-on experience with cloud platforms** (AWS preferred), Docker, and CI/CD pipelines
 - Strong **understanding of databases** (SQL, NoSQL, vector) and backend architecture
 - Experience designing and communicating systems using diagrams (UML, ERDs), solid knowledge of software architecture patterns, performance optimisation, and security
 - Excellent problem-solving, communication, and collaboration skills with an interest in **financial technology and AI applications** in finance
 - Familiarity with **accounting and financial API integrations** (e.g. Xero, Quickbooks, Sage) is additionally beneficial
 - Strong written and verbal communication skills with ability to **understand corporate finance business requirements** and **explain complex technical concepts clearly**
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Our Core Tech Stack

- **Backend:** Python (FastAPI)
 - **Frontend:** JavaScript / TypeScript (React / Next.js)
 - **Cloud & infrastructure:** AWS, Docker / Kubernetes, CI/CD (Jenkins or similar)
 - **Databases:** PostgreSQL, SQL / NoSQL, vector databases
 - **AI & productivity tools:** LLM integration (Claude, Gemini, etc.), LangChain (or similar), RAG frameworks, Codex, Cursor, Vercel
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Preferred Experience

- Internship or work experience in engineering software development, preferably in a fintech
 - Experience with business and financial software/tools (CRMs, bookkeeping software, financial modelling)
 - Understanding of AI and machine learning applications in finance
 - Experience working directly with business owners or entrepreneurs, or in professional services firms
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Our Hiring Process

We know your time is valuable, and we aim to make our hiring process clear, efficient, and respectful. Here's what you can expect:

- 1. Introductory Call (30 mins)** A conversation with one of our founders to learn more about Assiduous, the role, and your background.
- 2. Assignment (2-3 hours)** An assignment to showcase your technical skills
- 3. Technical Interview (60 mins)** Present your assignment and discuss your hands on software development capabilities and experience
- 4. Culture & Vision Interview (60 mins)** A conversation with both founders about your career aspirations, how you'd contribute to our mission, and thrive in an early-stage fintech environment.
- 5. Final Offer** A closing discussion to answer your questions, align on compensation and development opportunities, and share our long-term vision.

We aim to complete the process in 2-3 weeks from your first conversation, so you'll never be left waiting.

What We Offer

- Competitive graduate salary
 - On-site parking
 - On-campus gym/pool membership
 - Unlimited annual leave
 - Mentorship and training in both corporate finance and financial technology
 - Direct collaboration with the founders and early adopter customers
 - Exposure to cutting-edge fintech innovation and AI applications
 - A role with early responsibility, autonomy, and career-defining impact
 - A chance to shape the future of corporate finance for SMEs and have a significant impact on how business owners build valuable businesses
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Join Us

If you're passionate about AI native software development and the use case of corporate finance / democratising access to quality advisory for SMEs, and want the opportunity to contribute to a high performing team to build something meaningful from the ground up we'd love to hear from you.

Please share your CV along with a cover letter explaining your interest in corporate finance and financial technology. Include any relevant projects, deployments, GitHub repositories, or links that demonstrates your capabilities by email to: talent@assiduous.tech