Aleksandra Pastore

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Software Engineer with extensive competence in Python and SQL in the financial technology sector. Background encompasses valuable work experience in managing large datasets and performing analysis through AI models. Responsibility, thorough approach, and attention to details ensure timely and high quality results for the team. Throughout my career, I have demonstrated focus on stakeholder interests, and my strong communication skills ensured an inclusive and productive work environment.

Experience

J.P. Morgan Chase Glasgow Technology Center, UK   July 2024 – Present
Software Engineering Associate
Regulatory Reporting Team – Corporate Technology:
- Developed Python code to perform complex field calculations, creating financial reports in accordance with business requirements. Deployed and ran Databricks workflows to automate data load.
- Created and managed large financial datasets in Oracle DB with SQL.
- Devised unit and integration tests, achieving and exceeding the required 70% coverage to deploy code. Maintained version control through Git, created detailed Confluence pages facilitating knowledge transfer.
- Developed a solid understanding of the Software Development Lifecycle and adhered to the agile model by being closely involved in the planning of biweekly sprints.
- Technologies: Python, SQL, Oracle, VScode, Jira, Confluence, Git, Kafka, Databricks, Jules.

Corporate Analyst Development Program J.P. Morgan Chase, UK   July 2022 – July 2024
Operation Service Delivery (OSD) Fund Accounting Team – Corporate and Investment Bank:
- Supported the Onboarding of a new client with approx. 100 Funds, built Excel reporting dashboards for upper management decision-making, highlighting cost and revenue values across multiple projects.
- Initiated and led discussions to automate manual processes across the OSD space, resulting in the implementation of multiple suggestions as new projects.

Investment Middle Office Services (IMOS) Client Service Team – Corporate and Investment Bank:
- Built an Alteryx Data Management workflow, which identified 176 Data Gaps and 29747 Inconsistencies in Fund Reports sent to client. Resolved 100% of identified Data issues, improving fund locking efficiency from 96% to 99.24%.
- Supported all stages of the digital solutions lifecycle by managing the Intelligent Solution Registration project for my team, ensuring compliance with company regulations.

CADP Summer Internship J.P. Morgan Chase, UK   June 2021 – August 2021
Digital Process Improvement team – Asset and Wealth Management:
- Applied Machine Learning algorithms to retrain an AI-based software to achieve elevated prediction accuracy in sorting incoming queries, improving Client communication.

Higher Education

University of St Andrews   September 2018 – June 2022
First Class (Hons) BSc in Mathematics and Physics

Languages: Italian (native speaker), Russian (native speaker), English (proficient, IELTS 8).
Permission to work: Settled Status in the UK.