

Mathew James

- (+353) 892584415 - Beaumont, Dublin 9 • mathewjp97@gmail.com
- LinkedIn: [mattjames](#) • GitHub: [mathewjames](#) • Portfolio: [MathewJames](#)

EDUCATION

Dublin City University

M.Sc. in Computing (Data Analytics)

Dublin, Ireland

Sep 2022 – Sep 2023

Rajagiri School of Engineering and Technology

Bachelor of Technology Computer Science & Engineering

India

Aug 2015 - Dec 2019

PROFESSIONAL EXPERIENCE

Finastra

Associate Software Engineer

India

May 2021 - Aug 2022

- Worked in enterprise level products using multiple programming languages including Python, C# and Finastra's proprietary language, FPL.
- Worked in Lending, Deposit and Interface modules of core banking solutions as part of a global development team to ensure that products met compliance requirements.
- Worked with an agile team of Scrum Master, Developers and QA to achieve the goals defined for each sprint.
- Participated in integration of new features to legacy software, code reviews, testing and release note testing activities and documentation preparation.
- Conducted trainings and job shadowing for team members.
- Communicated effectively with Product Owners and Legal Counsel to report bugs and update requirements.

Achievements

- Received appreciation for being one of the only 2 members in the entire team to work on the ICC product of Finastra.
- Gained understanding of Retail Banking domain and how legislative changes are integrated into banking software.

Netstratum Technologies

Junior Software Engineer

India

Jan 2020 - May 2021

- Worked in Erlang and Python.
- Programmed testable and efficient code by incorporating software components and programs from third parties.
- Modified existing software to correct errors, upgrade interfaces and improve performance.
- Developed flowcharts, and documentation to identify requirements and solutions.
- Wrote bash scripts to automate installation and change configurations.
- Prepared and packaged software into RPMs for deployment in CentOS systems.

Achievements

- Received special appreciation from a client for co-operation and quick delivery of product.

PROJECTS

Mutual Fund Portfolio Analyser

<https://github.com/mathewjames/mutual-fund-analyser>

Python, Django, SQLite, BeautifulSoup4

Application for checking portfolio stats and overlap between multiple mutual funds. Users can view portfolio of a mutual fund and compare it with other funds.

Analysis of Impact of Covid-19 on the Indian Stock Market

[GitHub](#)

Python, Pandas, Plotly, BeautifulSoup4

Analysed and created visualisations comparing the performances of the stocks in the benchmark Indian stock market index, NIFTY 50, before and after the start of Covid. Visualised the patterns observed in the volumes and prices of stocks in sectors that have been positively and negatively affected by the Covid lockdown.

Food Delivery Application

Food delivery application using Django REST framework.

Python, Django, React

Keyword Classification*Python, Django, SQLite*

Application to identify important keywords from messages stored in a database and group users by keywords.

Resume Builder*React, Redux, HTML, CSS, Material UI, Tailwind CSS*[GitHub](#)

Application to collect data from user and format it to generate a resume.

Portfolio Website*HTML, CSS, JavaScript*<https://mathewjames.github.io/>

SKILLS

Technical: Object-Oriented Programming, Functional Programming, Python, Django, JavaScript, React, Redux, HTML/CSS, Linux, Bash, Jira, Software Development Life Cycle (SDLC), Git, Azure DevOps Server, R, SQL

VOLUNTEERING / EXTRACURRICULAR ACTIVITIES**TEDxRSET, Rajagiri School of Engineering and Technology**

Jun 2018 - Nov 2018

- Organiser and budget coordinator of the TEDx event held at Rajagiri School of Engineering and Technology with 8 eminent speakers.

Student Volunteer, Flood Relief Activities

- Volunteered in the flood-relief activities conducted by the Revenue Department of Kerala after the 2018 floods that ravaged the south Indian state of Kerala.

Tech Fest, Rajagiri School of Engineering and Technology

- Organised workshops and gaming events as part of the college's national level technical fests on multiple occasions.