

Recent MSc Financial Technology (Computer Science) graduate with a strong foundation in financial technology principles, Frontend development, Data Science, data-driven algorithms, software development and exposure to trading or pricing Analysis. Seeking an entry/mid-level position in the IT sector to apply theoretical knowledge and technical skills while contributing to innovative solutions.

Skills & Interests

Technical Skills: Python, C#, .NET, ASP.NET, PHP, React.js, Redux, Node.js, HTML, CSS, Javascript, JQuery, CI/CD

Databases: MongoDB, SQL, NoSQL, PostgreSQL

Soft Skills: Time Management, Communication, Problem Solving, Adaptability, Attention to detail

Education

UNIVERSITY OF ESSEX

Colchester, UK

MSC, Financial technology. Passed with Merit

10/2022 - 10/2023

Main focus: Python, Pandas, Numpy, Machine learning, Data analytics, Financial Modelling, Financial data analysis for predictions, Pricing analysis

Thesis: Financial Data Analysis for Algorithmic Trading (Masters Dissertation Project).

Developed a predictive model using Reinforcement Learning for algorithmic trading decisions

UTTARAKHAND TECHNICAL UNIVERSITY

Tehri, India

BTECH, Computer science engineering

08/2022 – 10/2020

Experience

BOSSWEBTECH

Delhi, India

Software Developer

06/2021 - 04/2022

- Developed and maintained application modules using Python, C#, .NET, React.js, and JavaScript
- Design and implement robust and scalable solutions.
- Coordinated a team of 4, achieving a 25% improvement in web application performance and a 40% reduction in latency.
- Implemented automated testing, reducing debugging time and improving software reliability.
- Expertise in SQL database design, optimization, and administration, including schema design and efficient SQL query writing.

ALHOOR GROUPS

UAE Remote, India

Software Developer(Frontend React)

03/2021 - 05/2021

- Developed an E-commerce website in React, Javascript, HTML, CSS, Redux, Node.js.
- Transformed a PHP-based website, increasing revenue by 35% and lowering customer abandonment rate by 25%.
- Contributed to the development of standards/methodology for capturing and publishing business processes, requirements, and documentation.
- Competent in issue tracking software, including JIRA.
- Troubleshooting and debugging technical issues across the full technology stack, with meticulous attention to detail.

Marketerboard

Pune Remote, India

Apprenticeship(Frontend React)

10/2020 - 02/2021

- Collaborated with backend and design teams to plan, design, and initiate new features and built reusable components and front-end libraries for future use.
- Translated designs and wireframes into high-quality code. Optimized components for maximum performance across a vast array of web-capable devices.
- Documented and ran tests to enhance the performance of the product. Worked on bug fixing to improve the performance of the applications.
- Demonstrated in-depth knowledge of basic frontend technologies like HTML, CSS, and JavaScript. Utilized Redux for effective state management in applications.

BRILLICA SERVICES

Dehradun, India

Data Science Internship

03/2019-05/2019

- Proficient in Python, Pandas, Numpy with expertise in designing and training machine learning models. Conducted tuning, usability testing, and improvements to the existing code base. Completed ML projects, including customer churn prediction with 93% accuracy, demonstrating strong analytical skills.
- Constructed predictive models for customer segmentation using 'Gradient Boosting' classifier, achieving 92% accuracy.