

# Tandeep Gill

Dual Citizen (UK/USA) | [tandeepgill.com](https://tandeepgill.com) | [github.com/tandeepgill](https://github.com/tandeepgill)

## Skills

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**Frontend:** TypeScript, JavaScript, React, Next.js, Redux Toolkit, HTML, CSS, Tailwind CSS

**Backend:** Java, Spring Boot, Hibernate, Spring Security, JWT, JUnit, Mockito, SQL, MySQL, Node.js, Express.js

**Other Tools:** Git, Bash, Jira, Confluence, Postman, GitHub, GitLab, Agile

## Work Experience

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**Software Developer**, FDM Group – Glasgow, UK

04/2023 – 02/2024

- Developed REST APIs using a Java Spring Boot backend, ensuring scalability and future maintainability
- Created a frontend, based on UI/UX requirements, using JavaScript, TypeScript, and React, improving the end-user experience, leading to a 30% improvement in user engagement metrics and a 15% decrease in bounce rates
- Implemented keyword-based search feature of the SQL database, resulting in a 20% time-saving by enhancing end-user productivity and minimizing the impact of database queries on processes
- Designed comprehensive JUnit tests to ensure the reliability and functionality of the Spring Boot backend, reducing critical system error by 25% and enhancing overall application stability
- Contributed to internal technical documentation, ensuring clarity and accessibility of critical system architectures, APIs, and development processes, saving new employees time to get familiar with the codebase
- Utilized previous client-facing experience and facilitated requirements gathering and analysis efforts to drive the development of new features and enhance functionality based on stakeholder feedback, resulting in a 15% increase in stakeholder satisfaction scores and improved alignment with organizational needs

**Senior Investment Analyst**, Vista Lake Capital – Irvine, CA, USA

10/2018 – 07/2021

- Created a robust financial model through the aggregation of multiple spreadsheets, reducing repetitive data-gathering processes and leading to a 30% time savings in investor report generation
- Provided analytical and asset management support on a portfolio of different commercial properties

**Investment Banking Analyst**, Piper Sandler Companies – Aberdeen, UK

08/2016 – 10/2018

- Provided corporate finance services to companies operating in the energy industry across EMEA
- Developed a comprehensive understanding of the energy industry through hands-on experience, demonstrating a passion for the sector and contributing insights to strategic decision-making processes
- Increased deal flow backlog by over 25% by identifying viable target companies and utilizing quantitative and qualitative analysis, including my industry knowledge
- Participated in the entire transactional process on various teams by preparing financial models, pitch books, confidential information memoranda, management presentations, and other descriptive memoranda

## Projects

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**Parcel Tracker API**

[github.com/tandeepgill/parcel-tracker-api](https://github.com/tandeepgill/parcel-tracker-api)

- Developed a backend application to generate, process, and update the status of parcel shipments
- Built REST APIs using Java Spring Boot application, connected to a SQL database to store all data
- Created unit tests with JUnit and Mockito to ensure application reliability and that it performed as intended
- Constructed SQL database entities with validation to check for data quality and accuracy
- Implemented Swagger API documentation to improve the developer experience for frontend developers when querying the application REST API endpoints

## Education

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**Fullstack Academy** – Software Engineering Bootcamp

12/2021

**University of Aberdeen** – MA Accountancy and Finance

06/2016