



# Ishaan Dutta

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## EXPERIENCE

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### Barclays UK

*Software Developer*

August 2022 - Present

*Glasgow, United Kingdom*

#### - Wealth Hub Team

- Part of a global team which successfully onboarded **1.2mn customers worldwide** onto the Wealth Hub application through **strategic channels at Barclays**, including The Barclays App and Retail Online Banking Platform.
- Implemented the complete migration of the account history and dashboard pages from **Angular to React**, leveraging our **hybrid app approach** to ensure a seamless transition of the system.
- **Owned the complete development** of a new feature for **restricting access of customers** to different parts of the application, based on their consultation journey stage with Barclays financial advisers.
- Currently working on **building the Private Bank UI and core functionality** as part of the next steps of the app roadmap.
- Played a key role in backend development as well, leveraging **Spring Boot, Java, and REST APIs** to develop an **OpenAPI 3.0 compliant micro-service** for Held Away Assets, a part of the Barclays Wealth Hub.

#### - Financial Crime API Team

- **Drove implementation of new search features** using Spring Boot for TRAQs, a transaction indexing tool used by internal compliance teams.
- Worked with Java and Apache Solr to **improve search performance on wire transaction data by 25%**.
- Integrated **Apache Kafka to stream live messages and changes** to the SQL Server Database, to topics set up on AWS MSK for multiple consumers within compliance teams.
- **Recognized by the EMEA director** of Barclays FinCrime after identifying and fixing a indexing bug which could have escalated as a breach.

## EDUCATION

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### SRM Institute of Science and Technology

Bachelor of Technology in Computer Science; **CGPA: 8.6/10.0**

Chennai, India

*2018 - 2022*

## SKILLS

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**Languages:** Javascript/Typescript, Java, C++, HTML, CSS, Python\*.

**Frameworks:** React, NextJS, Node.js, Angular\*, tRPC, AWS\*, Tensorflow, LaTeX.

**Developer Tools:** Git, Figma, Bash, ViTest, Playwright, Jenkins, Jira.

**Others:** DBMS, System Design, Agile, Project Management.

## PROJECTS

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### PdfMagic

[Project Link](#)

A full stack SaaS application for interacting with your PDF files, through AI-enabled chat messaging using the OpenAI API. Implemented other functional features like a pricing subscription model using Stripe, real-time messaging and infinite queries.

**Built with Typescript using React and NextJS, with tRPC, Tailwind CSS/ShadCn, Prisma, Kinde-Auth etc.**

### Portfolio

[Project Link](#)

A frontend application detailing my professional and personal journey, achievements and experiences.

**Built with Typescript using React and NextJS, with Tailwind CSS, Framer-Motion etc.**