

# MARZANA NAHAR

London, U.K

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## Full-Stack Software Engineer

Specializing in backend and mobile app development with Python, Django, JavaScript, and React Native. Experienced in developing full-stack applications like Peckish, a food-focused social app, and APT Notes, an AI-powered note-taking tool. Strong expertise in API development, database management, and mobile app development. With 8 years of experience in B2B corporate sales, I bring strong communication and problem-solving skills to effectively collaborate with clients and stakeholders.

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## Skills

- **Languages:** Python, JavaScript, SQL, HTML, CSS
  - **Frameworks:** React Native, Django, Django REST Framework
  - **Tools:** Git/GitHub, Postman, Cloudinary, AWS, Firebase, Docker
  - **Databases:** SQL, SQLite, PostgreSQL
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## Projects

- **Peckish App** **April 2025 – Present**  
A food-focused social network where users share food videos and images with recipes.  
**Tech Stack:** React Native, Python (Django), PostgreSQL, Django REST Framework, Cloudinary/AWS S3  
**Links:** TBC
  - **APT Notes App** **May 2025 – Present**  
An AI-powered notes app for professionals and students that scans text using OCR, converts it to editable notes, and provides features like translation, text-to-speech, and definitions.  
**Tech Stack:** React Native, Python (Django), PostgreSQL, Tesseract/Google Vision API (OCR), Cloudinary/AWS S3  
**Links:** TBC
  - **Fundit App** **April 2025 - May 2025**  
A budget and expense tracker that helps users manage income, expenses, and categories while calculating their budget automatically.  
**Tech Stack:** React Native, Python, Django REST Framework, SQLite, Django Authentication  
**Links:** TBC
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## Job Simulation / Virtual Work Experience - via Forage

- **Software Engineering - Quantum** **May 2025**  
Processed sales data and built a Dash app to visualize sales trends.  
Created a test suite and automated a Bash script.
  - **Advanced Software Engineering - Walmart/Global Tech** **May 2025**  
Implemented a heap data structure and designed a UML class diagram.  
Built abstract methods for database operations (Postgres, Redis, Elastic) and developed a Python script for data processing.
  - **Software Engineering - Skyscanner** **May 2025**  
Developed a Dropwizard microservice for car rentals and hotels.  
Built an Android app to display flight itineraries and redesigned Skyscanner's ad portal with Figma.
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## Education / Certifications

- **Imperial London College Software Engineering Bootcamp** **Nov 2024 - March 2025**  
HyperionDev | Co certified by Imperial London College  
**Skills Covered:** Python, OOP, SQL, SQLite, Git / Version Control, Software Process, Software Documentation, System Design & Architecture.
  - **Meta React Native Specialisation** **March 2025**  
**Skills Covered:** Javascript, Git / Version Control, React, React Native, REST APIs, Databases & SQL, UX and UI design.
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