MARZANA NAHAR

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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.

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

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

Job Simulation / Virtual Work Experience - via Forage

Software Engineering - Quantium   **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.

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.