

Khanak Gulati

Software Engineer & Entrepreneur

Currently working at Bending Spoons as a full-stack software engineer and growth manager. Founder of the apps Fluenci and Tunetutor.

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WORK EXPERIENCE

Software Engineer Bending Spoons

12/2024 - Present

London, UK

Description

- Full-stack software engineer, working primarily with React, TypeScript and Swift. Part-time growth manager, responsible for shaping product direction and growth engineering strategy across several mobile apps.

Founder Fluenci App

03/2024 - 10/2024

London, UK

<https://www.fluenci.app>

Description

- Built an LLM-powered language partner for intermediate-level learners to gain conversational proficiency. Tech Stack: Dart (Flutter), Firebase, AWS.
- Built a supporting app, Tunetutor — a Generative AI tool to learn languages through song lyrics.

Python Engineer Silvr

09/2022 - 06/2023

Paris, France (Remote)

Description

- Worked with Python Django on the client side of the Silvr App

Software Engineer Intern Bloomberg LP

06/2022 - 09/2022

London, UK

Description

- Built a news recommendations service which retrieves news stories related to a given input story. Worked primarily in Python, using libraries such as Pyspark and Pandas.

EDUCATION

BSc Computing Science University of Groningen

09/2020 - 08/2023

Groningen, Netherlands

Additional Information

- Graduated cum laude
- Physics Minor
- GPA: 8.9/10
- Competitive Programming Committee member

IGCSE and IBDP

Jayshree Periwal International School (Head Girl)

04/2017 - 08/2020

Jaipur, India

Diploma/Certificates

- International Baccalaureate:** Grade 11-12 (Math HL, Physics HL, Chemistry HL, Biology HL, English A SL, French B SL) (**Final Score 43/45**) (ACT Score: 33/36)
- IGCSE:** Grade 10 (International Mathematics, Additional Mathematics, English Language, French, Physics, Chemistry, Biology, Economics) (**All A*s, 96.3%**)

SKILLS

Management & Leadership

Communication

Swift

SQL

R

Critical Thinking

Teamwork

React

TypeScript

C

Python

Digital Marketing

JavaScript

Terraform

Docker

LLMs

PROJECTS

Publications

- A Comparison of the Effectiveness of ChatGPT and Co-Pilot for Generating Quality Python Code Solutions:** *IEEE*, March 12, 2024

IMC Trading Competitions (03/2023 - 05/2023)

- 1st place** in Women Insight's Day final **algorithmic trading competition**
- Top 100** in **Prosperity Trading Challenge** (worldwide)

Generative AI Tools for Language Learning

- Flashcards Generator: OCR-based generative AI pipeline to translate handwritten notes into context-enriched Anki flashcards
- Daily passage generator from users' custom word banks with spaced repetition to improve literacy

Synthetic Data Generation Project (02/2022 - 06/2022)

- Coding lead** in a team of 6 university students to build an intelligent dummy data generator in **Python** for the company **Syntho**.

Benelux Algorithm Programming Contest 2021

- Qualified for the Northwestern Europe Regional Contest

Online Courses

- Digital Marketing** (Legendary marketer) : Acquired a wide range of essential digital marketing skills, including but not limited to affiliate marketing, social media strategies, sales funnel optimization, advertising techniques, and business scaling tactics, gaining the expertise needed to thrive in the ever-evolving landscape of online entrepreneurship.
- Coursera:** Entrepreneurship Specialization Courses 1-4 (University of Pennsylvania), Understanding Einstein: The Special Theory of Relativity (Stanford University), Introduction to Engineering Mechanics (Georgia Institute of Technology), Game Theory (Stanford University & The University of British Columbia), Financial Markets (Yale University)

LANGUAGES

English, Hindi

Native or Bilingual Proficiency

French

Limited Working Proficiency

Japanese

Limited Working Proficiency

EXTRACURRICULARS

Grade 8 Piano (Trinity College London)

5 year degree in Kathak Dance (Bhatkhande Institute)

Regional Equestrian League (Equestrian Federation of India)