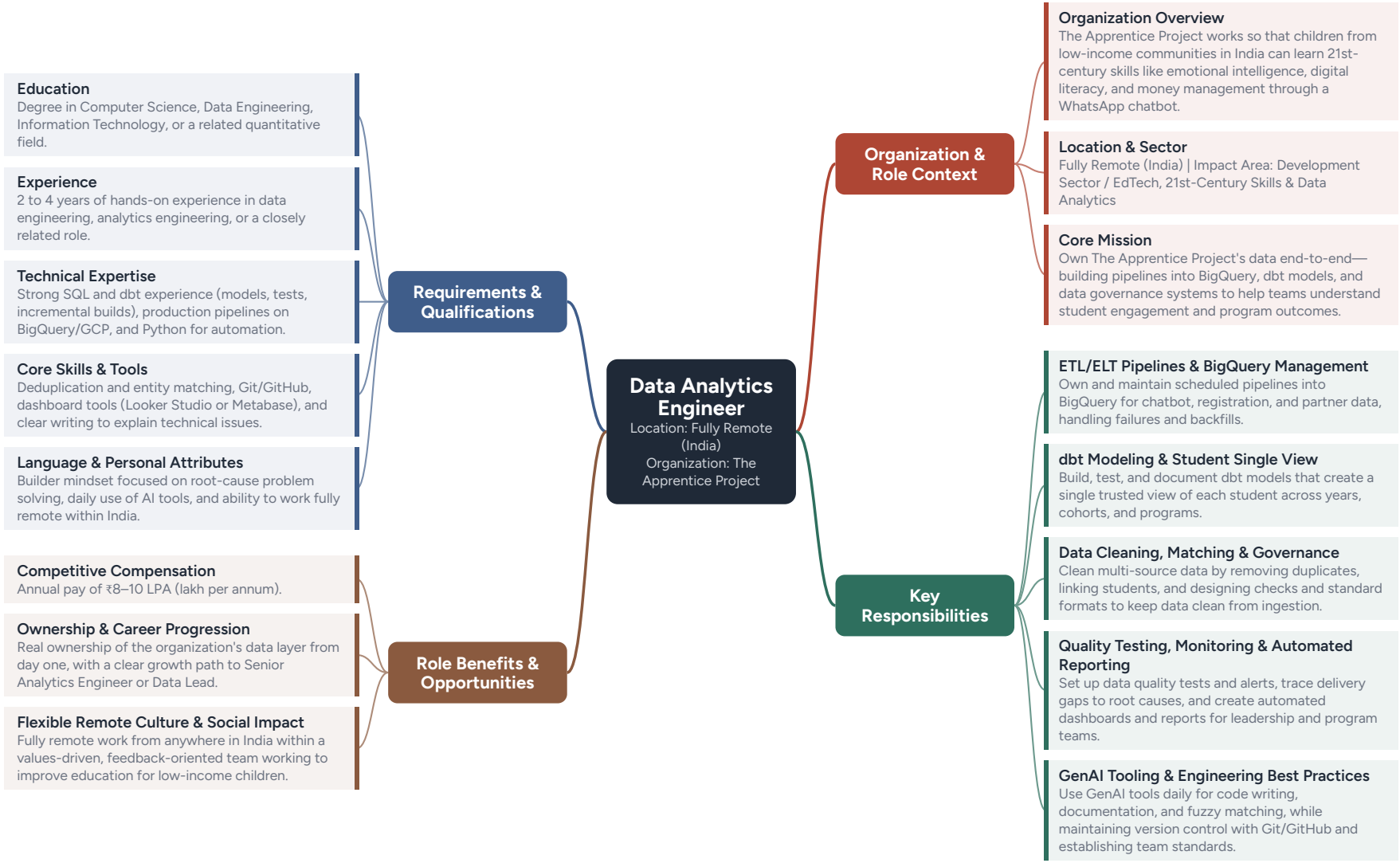
The Apprentice Project

Data Analytics Engineer | The Apprentice Project | ₹8-10 LPA

Remote · full-time · mid level · ₹66,667 - ₹83,333 /month

Application Assist →

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Skills this role needs

SQL	dbt	BigQuery	Python data pipelines	Data quality monitoring

Job description

The Apprentice Project

The Apprentice Project works so that children from low-income communities in India can learn the 21st-century skills they need to thrive, like emotional intelligence, digital literacy and everyday money management. Millions of children grow up without these skills, which limits their chances and can keep families in poverty. The Apprentice Project reaches students where they already are, on WhatsApp, through a chatbot where they learn by doing hands-on projects. Every chat creates data about who signed up, who came back, what content reached them and what they did with it. This role sits within The Apprentice Project's Data team, which turns that data into clear answers that help the organisation decide which students to reach and whether its programs work.

Role

As the first hire on the Data team, the Data Analytics Engineer will own The Apprentice Project's data from end to end. This means the pipelines that bring data in, the models that make it usable, the systems that keep it clean, and the answers that help teams act. The role reports to the Associate Senior Manager - Data & MEAL (Monitoring, Evaluation, Accountability and Learning) and is fully remote within India. It suits a builder who likes to fix problems at the root, uses AI (artificial intelligence) tools to work faster while checking their output, and wants to grow into leading a data function.

Responsibilities

- Own and maintain ETL/ELT (extract, transform, load) pipelines into BigQuery for chatbot, registration and partner data, including scheduling, failures and backfills.
- Build, test and document dbt (data build tool) models that give teams one trusted view of each student across years, cohorts and programs.
- Clean and match data from many sources by removing duplicates, linking students across years and fixing phone numbers, names, schools and cohort IDs.
- Design systems that keep data clean from the start, such as checks when data comes in, standard formats, controlled form inputs and clear data entry guides for partner teams.
- Set up data quality tests and alerts for freshness, completeness and unusual patterns, and trace delivery gaps like students who did not receive their material back to the root cause.
- Answer questions from program and leadership teams on returning students, cohorts and retention, and build dashboards and regular reports that run automatically.
- Use GenAI (generative AI) tools every day to write and review code, create tests and documentation, and try AI-based approaches to hard problems like fuzzy name matching.
- Keep code in version control, reviewed and documented, and work with the Data & MEAL lead to set standards, shape the data roadmap and later mentor new hires.

Requirements

- 2 to 4 years of hands-on experience in data engineering, analytics engineering or a closely related role.
- Strong SQL (Structured Query Language) and solid dbt experience, including models, tests, documentation and incremental builds.
- Experience running production pipelines with scheduling, monitoring, error handling and backfills on BigQuery on GCP (Google Cloud Platform) or a similar cloud data warehouse.
- Experience cleaning messy real-world data from multiple sources, including deduplication and entity matching, and building checks to stop problems coming back.
- Comfort with Python for pipelines, cleaning and automation, and with Git and GitHub, including code review.
- Clear writing and the ability to explain what broke, what you did and what it means to someone non-technical.

- Good to have: experience with Glific, WhatsApp or other chatbot data, dashboard tools like Looker Studio or Metabase, basic statistics and A/B test analysis, open-source contributions, or work in education or the social sector.

Benefits

- Pay of ₹8-10 LPA (lakh per annum).
- Real ownership of the organisation's data layer from day one.
- A clear growth path to Senior Analytics Engineer or Data Lead as the team grows.
- Fully remote work from anywhere in India.
- Close work with program, product and leadership teams.
- A values-driven culture with honest, direct feedback.

Apply

Check your fit for the role and receive the apply link in your mailbox

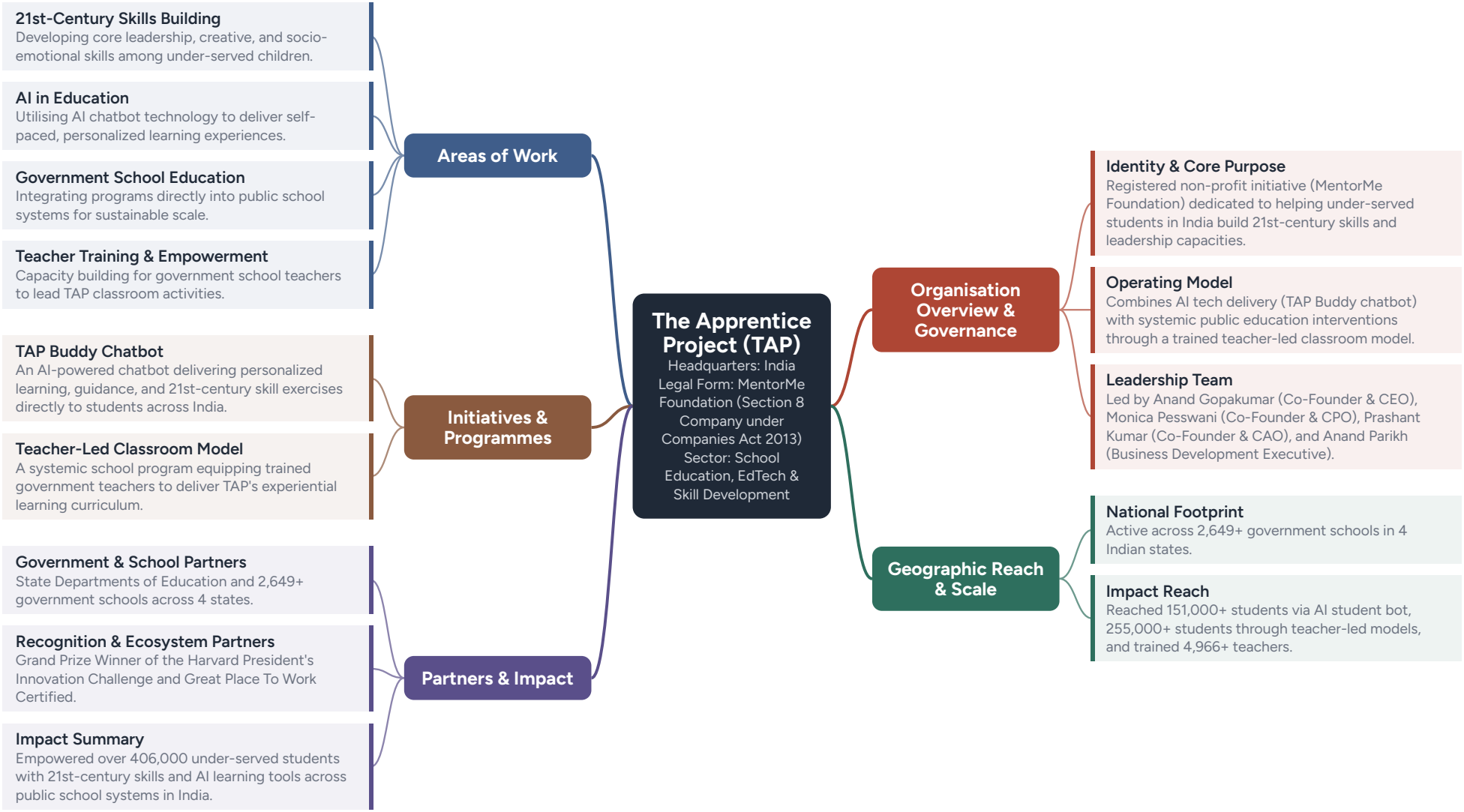
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About the organisation

The Apprentice Project

Education

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About The Apprentice Project

The Apprentice Project (TAP) is an education programme that helps under-served students in India build 21st-century skills. It says its aim is to turn children into leaders of today and tomorrow. TAP is run by MentorMe Foundation, a Section 8 company registered under the Companies Act 2013. Technology is central to its approach. TAP Buddy, its chatbot programme, uses artificial intelligence to give students personalised learning and support. TAP also reaches students in government schools through a teacher-led model.

Major Areas of Work

- 21st-century skills: Building key 21st-century skills among under-served students.
- AI in education: Using an AI chatbot to give each student personalised learning and support.
- Government school education: Working in government schools to reach students at scale.
- Teacher training: Training teachers to run its teacher-led model of student learning.

Major Initiatives and Programmes

- TAP Buddy: A chatbot programme that uses AI to give students across India personalised learning and support.
- Teacher-led model: A classroom programme in which trained teachers lead TAP's learning with students in government schools.

Impact

Based on its 2025-26 impact data, TAP states it has reached 151K students through its student bot and 255K students through its teacher-led model. Its site also cites work in more than 2,649 government schools across 4 states, and 4,966 teachers trained. It lists itself as a grand-prize winner of the Harvard President's Innovation Challenge.

Leadership

- Anand Parikh: Business Development Executive | Partnerships and Alliances | Mentor | Entrepreneur
- Anand Gopakumar: Co-Founder and Chief Executive Officer
- Monica Pesswani: Co-Founder and Chief People Officer
- Prashant Kumar: Co-Founder and Chief Administrative Officer

TAP suits people who want to work where education, technology and public school systems meet. The work combines building and improving an AI learning tool with running a programme across government schools in several states. Staff get exposure to edtech product work, school-level programme delivery and teacher training in one organisation. TAP is Great Place To Work Certified. It is a good fit for people who want their work to reach large numbers of students in government schools.

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