ARNAV RAJIV PATNAIK

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SUMMARY

Climate and data professional with 2 years of experience in climate-risk analytics, statistical modelling, and environmental data engineering. Combines technical expertise in Python, SQL, and climate datasets with climate-tech product strategy, marketing, and business development to drive climate resilience and sustainable solutions.

EDUCATION

VRIJE UNIVERSITEIT BRUSSEL (VUB) **Brussel, BE**
Master's in Management **09/2026 – Present**

CHANDIGARH UNIVERSITY **Punjab, IN**
Bachelor of Engineering in Computer Science and Engineering with **08/2020 – 06/2024**
Honours Specialisation in AI and ML (In association with IBM) - CGPA: 8/10

WORK EXPERIENCE

PLUTAS.AI **Pune, IN**
Program Manager (Founder's Office) **09/2024 – Present**

- Led strategic market, regulatory, and ecosystem research to define the business case for launching an **end-to-end parametric insurance infrastructure platform** in India, identifying climate, compliance, and distribution gaps.
- Owned **end-to-end product wireframing and prototyping** for a B2B2C parametric insurance platform (Plutas Insure), aligning user experience, business logic, and technical feasibility.
- Engineered large-scale **climate data pipelines**, processing **30+ years of historical weather data** from IMD and ERA5 across ~19,000 Indian pincodes for risk modelling.
- Developed i**nvestor-grade pitch decks, business plans, and investment reports** for global competitions and institutions, including the Tokyo Financial Innovation Awards, HDFC Ergo Technpreneur, and IIA Awards.
- Led brand storytelling, PR strategy, and digital growth initiatives, strengthening B2B and B2B2C thought leadership in climate-tech and insurtech domains.

DIGISAFE INSURANCE BROKING **Pune, IN**
Data Consultant **08/2024 – 04/2025**

- Led UI/UX strategy for insurance brokerage and climate-risk applications, improving usability and customer journey clarity.
- Designed and deployed the company website using **WordPress and Hostinger**, optimizing SEO, performance, and scalability.
- Supported leadership in a **Chief of Staff–style role**, coordinating stakeholders, product strategy, and data governance to accelerate execution.

EXCELDOTS AB **Stockholm, SE**
Data Analyst Intern (Remote - India) **01/2024 - 06/2024**

- Designed high-impact **Figma wireframes** for hydrogeological and lithological data visualizations, improving stakeholder clarity and satisfaction by **20%**.
- Engineered real-time **ETL pipelines** to process arsenic contamination datasets and live sensor data across multiple districts in Bangladesh, improving data accuracy by **25%** and reducing acquisition time by **40%**.
- Implemented advanced preprocessing for **6.37 million arsenic screening records**, ensuring high-quality datasets for analysis.
- Developed a **custom statistical classification model** to categorize tubewell safety based on international arsenic standards.
- Built Power BI dashboards enabling a 20% increase in data-driven decision-making for groundwater safety interventions.

SKILLS

Analytical Tools: Power BI • Excel • Python • SQL • Power Query • Machine Learning • Deep Learning • R
Other IT Tools: MySQL • Power Automate • Microsoft Dynamics 365 Business Central • Microsoft 365
Tools & Frameworks: Figma • WordPress • Hostinger • Wix • N8N • Flowise • Claude • ChatGPT
Soft Skills: Project management • Stakeholder expectation management • Analytical thinking • Marketing Strategy & Execution

PUBLICATIONS

An Integrated Data-Driven Strategy for Arsenic Mitigation in Bangladesh: Insights from 6.3 Million Tubewells and Hydrogeological Analytics — GSA Connects 2025 San Antonio, Texas, USA

CERTIFICATION

Microsoft Certified: Power BI Data Analyst Associate - Credentials - arnavpatnaik-4385 | Microsoft Learn
SQL Beginner to Advanced for Data Professionals - CodeBasics

LANGUAGES

English: Proficient French: Beginner (A1)