



About Bitprop

We believe in the power of entrepreneurship as a means for creating good. By partnering with property owners in townships to help them develop rental flats behind their properties, they receive an otherwise inaccessible new income stream. Bitprop turns these hard-working property owners into property entrepreneurs, generating significant value for themselves and their families for generations to come. Our work is innovative and creates an immediately tangible impact – a highly rewarding experience for all involved.

Junior Product and Systems Builder

We are looking for a hands-on, technically curious, high-agency Junior Product and Systems Builder to join the team. This role blends rapid software development, internal tool creation, and practical data analysis. You will work closely with the COO and alongside our lead developer to turn business needs into working software and actionable insights on the go.

You will not be responsible for long-term architecture or production-grade system design. Instead, you will focus on rapid implementation, experimentation, internal tooling, and extracting insight from our data. You will use AI tools as a core part of how you work, accelerating development and helping deliver functional tools fast. You should be excited about building small apps, creating dashboards, querying databases, and turning messy operational questions into clean, usable systems. This role is practical, fast-moving, and entrepreneurial.

Some practical examples of your responsibilities

- Build lightweight internal software tools and admin pages to improve workflows
- Rapidly prototype new feature ideas before formal development
- Use AI tools to accelerate coding and implementation
- Spin up functional MVPs in 1–2 days to test concepts
- Work with database operations to extract and analyse operational and financial data
- Translate business questions into clear metrics and dashboards (e.g. lease renewal rates, occupancy metrics, performance indicators)
- Build recurring reports and automated data views
- Create simple frontends connected to backend data
- Improve small inefficiencies across the business through software solutions
- Validate data accuracy and ensure insights are reliable
- Think through how operational processes map into structured systems
- Iterate quickly (build, test, refine)

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- Work independently and proactively, take initiative, suggest ideas, make things happen

Requirements

- Good understanding of software development concepts (APIs, databases, front-end/back-end structure)
- Ability to build simple functional tools (web pages, scripts, small apps)
- High level of comfort using AI tools to accelerate development
- Understanding of relational databases and ability to write or validate SQL queries
- Strong logical thinking and problem-solving ability
- Detail-oriented, especially when working with data
- Highly self-driven and comfortable working with little instruction
- Ability to manage multiple small builds and tasks simultaneously
- Cape Town-based, in-office (off Kloof Street, Gardens)

Nice to have:

- Experience building small apps or personal side projects
- Experience with Python, JavaScript, or similar
- Experience building dashboards
- Exposure to analytics or business intelligence
- Experience working with APIs
- Strong prompt engineering ability
- Early-stage product thinking mindset

Culture

You:

- Are passionate about using entrepreneurship to create change and progress
- Believe in 'finding a way' to make things happen
- Are comfortable with a flexible and changing work environment
- Believe in a meritocratic way of working - your age/seniority etc. doesn't matter
- Are a quick learner
- Work quickly, make mistakes and improve. You fail fast and learn
- Are kind, trusting and work for the interests of the group, not yourself
- Are driven, work hard and always to a very high standard. Your ambition is to achieve objective quality



- Are optimistic about achieving progress on a micro and macro (societal) scale
- Have a high level of integrity and professionalism
- Are excited about being part of solving very difficult problems
- Have the ambition to be part of innovative solutions/an environment that aims to have a tangible impact on the world

How to apply

Please visit www.bitprop.com/careers to view this job listing and to access the application form, where you can complete the application and upload a portfolio. For more information or if you are unsure about whether to apply or not, please reach out to careers@bitprop.com.

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