



This is not primarily a role about building complex AI features into Bitprop's product. Some of that may happen, but most of the opportunity is more practical: expanding our operating system, finding the best tools, setting up better workflows, automating repetitive work, improving internal systems, helping people work faster, and making sure Bitprop stays close to the frontier of what AI can do for a real operating business.

This is also not a "vibe coding" role. We are looking for a programmer who has gone deep into AI tools and uses them to produce better work, faster. You should understand software fundamentals well enough to guide AI properly, challenge its outputs, debug issues, test changes, and take responsibility for what gets shipped. The ideal candidate sits between two extremes. On one side, we do not want a non-technical AI enthusiast who blindly trusts generated code. On the other side, we do not want a traditional developer who is so focused on perfect architecture, CI/CD process, code review detail, and engineering ceremony that useful tools take too long to ship. You will work alongside individuals on both extremes; you should be in the middle.

Some practical examples of your responsibilities

- Find and fix manual bottlenecks across the business
- Understand team workflows and identify repetitive, high-friction tasks that can be automated or improved
- Build lightweight internal software tools, admin pages, automations, and dashboards to improve workflows
- Get new apps, pages, processes, functions, and internal tools up and running quickly
- Rapidly prototype new ideas and operational tools, often with very quick turnaround times
- Spin up functional MVPs in 1–2 days where appropriate to test whether an idea is useful
- Create simple frontends connected to backend data
- Build small backend functions, scripts, automations, and integrations where needed
- Connect systems, APIs, databases, and tools so that data flows with less manual intervention
- Work with databases to extract, analyse, and validate operational and financial data
- Turn business questions into useful dashboards, recurring reports, and automated data views
- Improve small inefficiencies across the business through software and automation

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- Work across internal systems, dashboards, data workflows, customer communication tools, mobile app support, and operational tooling
- Translate messy operational problems into clear technical tasks and working software
- Act as a technical translator between non-technical teams, leadership, and developers
- Work with team members to turn useful AI experiments, prompts, spreadsheets, or manual workarounds into more reliable tools and workflows
- Partner with non-technical team members to build solutions with them, not just for them
- Take rough pilots that show promise and help make them usable, repeatable, documented, and scalable
- Create reusable templates, prompts, workflows, and simple tools that allow others to self-serve where possible
- Help teams understand what is possible with AI and automation, while keeping solutions practical and grounded
- Make sure useful experiments do not die as one-off hacks, but become part of how the business works
- Help shape how Bitprop's development team uses AI tools in the software production process
- Develop practical workflows for using tools like Cursor, Claude Code, ChatGPT, GitHub Copilot, Replit, always-on agents or similar
- Help developers and builders use AI to understand codebases, debug issues, write tests, review changes, and document work
- Help the wider team use AI tools better in their daily work
- Build or recommend simple AI-assisted workflows for operations, finance, maintenance, reporting, administration, and customer communication
- Create templates, prompts, processes, reusable snippets, or tools that help the team work faster and more consistently
- Experiment with new AI tools and recommend what is worth adopting
- Separate genuinely useful AI improvements from hype
- Over time, help support and guide more junior builders as the team grows
- Iterate quickly: build, test, refine, and improve

Requirements

- 1–2+ years of meaningful AI-assisted building experience, either professionally or through serious personal projects
- Evidence of having built things with AI beyond basic ChatGPT usage
- Fundamental programming experience and the ability to build, debug, and reason through working software





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- Strong understanding of how software systems fit together, including frontend, backend, databases, APIs, hosting, environments, and deployment
- Habit of keeping up to date with new AI tools, workflows, and capabilities
- Ability to use AI to increase output while still maintaining judgement, testing, and code quality
- Ability to build functional tools such as web pages, scripts, dashboards, automations, small apps, or internal admin tools
- Able to map a workflow, break it into steps, and identify where technology can remove friction
- Comfortable working with operational data and business processes
- Detail-oriented, especially when working with data or business-critical workflows
- Able to identify inefficiencies and turn them into practical improvements
- Strong bias toward quick, practical output rather than over-engineering
- Able to distinguish between when to move fast and when to slow down for review
- Comfortable building scrappy but useful internal tools
- Proactive, self-directed, and comfortable taking initiative
- Cape Town-based, in office 4 days per week — off Kloof Street, Gardens
- No degree required

Nice to have:

- Experience building internal tools, dashboards, or workflow automations
- Experience using AI tools inside an existing codebase
- Experience with SQL or relational databases
- Experience with Python, JavaScript, TypeScript, or similar
- Experience connecting different systems or tools together
- Experience with frontend tools, backend functions, or mobile app development
- Experience with Azure, GitHub, or deployment workflows
- Strong prompt engineering ability
- Experience improving team workflows or operational processes

How we think about building and AI

Bitprop needs quick, practical software output. A lot of the work in this role will be about getting useful things live quickly: internal pages, automations, dashboards, scripts, reports, workflow tools, small apps, and process improvements.

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We value working tools over perfect architecture, clear judgement over rigid process, testing and validation over blind confidence, and shipping useful improvements quickly before improving them over time.

This does not mean being reckless. It means knowing the difference between a quick internal tool that should be built in a day, a production-critical change that needs proper review, a data or financial workflow that must be carefully validated, and a customer-facing feature where reliability matters more.

We are excited about AI, but we are not looking for someone who thinks AI magically solves everything. AI can help you move incredibly fast, but only if you have enough technical judgement to know what you are doing.

You should treat AI like a very fast but unreliable collaborator: powerful, useful, and often wrong. You should know how to get leverage from AI, but also when to slow down, check assumptions, read the code, run tests, inspect logs, validate data, and ask for review.

We want someone who is constantly experimenting with new AI tools, coding agents, automation platforms, prompt patterns, and workflows; not because they are trendy, but because they can create real leverage.

We care less about whether you can remember exact syntax under pressure, and more about whether you understand software deeply enough to use modern tools properly.

Culture

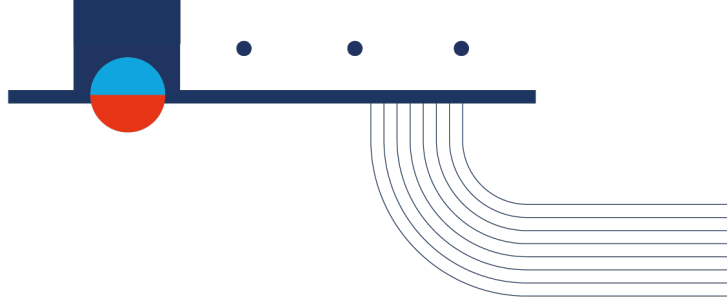
You:

- 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

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- 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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