



Chief Technology Officer

Robogals Global

Volunteer Role | ~8 hours/week

Reports To:

Chief Executive Officer (CEO)

Collaborates closely with: Senior Leadership Team (SLT), regional teams, and volunteers globally

Term:

Initial appointment of 2 years (voluntary, renewable)

Remuneration:

Volunteer role – no financial remuneration

Travel costs for events (e.g. SINE) may be supported by Robogals Global

About Robogals

Robogals is a global, volunteer-led, not-for-profit organisation that aims to inspire, engage, and empower young women into engineering and related fields. We do this through workshops, university partnerships, and outreach programs around the world. Since 2008, we've reached over 110,000 girls across Asia Pacific, EMEA, and North America.

Our tech platforms help power our outreach, connect volunteers across borders, and scale the impact of our work. We value **Integrity, Community, Passion, and Innovation** in everything we do.

About the Role

As Chief Technology Officer (CTO), you will lead the strategic and operational direction of Robogals' technology. You'll maintain key platforms, build digital capabilities, and drive innovation to enable our global volunteer network to deliver impact at scale.

This role combines **hands-on technical leadership** with **big-picture thinking**, making it ideal for someone who wants to use technology to drive social change, digital equity, and global collaboration with a futurist mindset.

Key Responsibilities

- Maintain and enhance Robogals Global and regional chapter websites, as well as key internal tools and platforms
- Lead and support a distributed team of tech volunteers
- Scope, prioritise, and delegate technical projects (new features, fixes, automations)
- Ensure quick resolution of urgent technical issues (e.g. outages or access problems)
- Provide technical advice to the SLT and support organisation-wide decision-making
- Promote digital inclusion, automation, and open-source best practices
- Oversee systems documentation, handovers, and security protocols
- Collaborate with the SLT and regional teams to integrate tech into fundraising, outreach, and engagement
- Provide mentoring and coaching to team members, fostering growth, skill development, and leadership within the organisation

Strategic Innovation Areas

In addition to core responsibilities, the CTO will champion modern, scalable initiatives aligned with nonprofit technology trends:

Digital Transformation & Accessibility

- Modernise platforms for a seamless volunteer experience across devices and bandwidth conditions
- Ensure all systems are mobile-friendly, accessible, and inclusive

Cloud-Based & Scalable Infrastructure

- Leverage cloud platforms to enhance collaboration and reduce manual processes
- Implement low-cost, sustainable, and climate-conscious hosting solutions

Cybersecurity & Governance

- Define and uphold security and privacy standards across platforms and user data
- Guide compliance practices, especially across global jurisdictions and volunteer-run systems

Data & Impact Insights

- Implement lightweight data pipelines (e.g. Airtable, Google Data Studio) to visualise volunteer activity and program reach
- Guide responsible data use and decentralised data collection practices

Automation & AI for Good

- Identify areas for task automation to reduce admin load on volunteers
- Explore ethical AI use to personalise engagement or improve outreach efficiency

Open Source & Volunteer Tech Community

- Maintain open-source tools and repositories to enable student and alumni contributions
- Develop pathways for volunteer technologists to gain meaningful experience while giving back

Digital Literacy & Enablement

- Provide documentation and toolkits for non-technical users to self-serve effectively
- Support digital training or onboarding as part of volunteer lifecycle improvements

Ideal Candidate

You bring:

- Strong technical background

- GitHub fluency and collaborative development workflows
 - Experience leading or contributing to distributed tech teams (especially in low-resource or volunteer contexts)
 - Understanding of agile principles or backlog-based project planning
 - Excellent communication and leadership skills – including working with non-technical stakeholders
 - Strong commitment to ethical, inclusive, and mission-aligned tech
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Bonus (Nice to Have)

- Experience with WordPress, CRMs (e.g. NationBuilder, Salesforce), Airtable, or automation tools
 - Familiarity with nonprofit tech, impact-driven software, or tech-for-good communities
 - Background in cybersecurity, data governance, or compliance in a volunteer or distributed setting
 - Prior engagement with open-source or student-run initiatives
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Time Commitment

Approximately 8 hours per week

Availability for evening meetings in GMT+10 (AEST) time zone

How to Apply

Please email ceo@robogals.org with:

- A short paragraph outlining why you're interested in this role
 - A paragraph describing your relevant experience and what you'd bring to the team
 - Your CV (max 2 pages)
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Robogals is committed to inclusivity — all genders, backgrounds, and levels of experience are encouraged to apply. If you're excited by the mission and believe you can grow into this role, we want to hear from you.