Position: Chief Technology Officer (CTO)
Company: plano
Reports to: Founding Managing Director

Job Brief:
The plano team is looking for a CTO to join its rapidly growing tech company in Singapore! As a member of a forward thinking and innovative company, the CTO will not only responsible for leading all aspects of technology development and management, he/she will also be a key contributor in realizing the strategic objectives of plano. plano’s application has 4 main developments that will be led by the CTO;

1. Parental management tool – child security and health
2. E-commerce platform
3. Big Data – analytics & research
4. Eye health service delivery – referrals and tracking

Salary and Rewards:
The successful candidate will receive a competitive salary coupled with an employee stock ownership plan (ESOP). The CTO position offered will be on a permanent basis. The successful applicant will receive a comprehensive employment contract for their review and approval prior to commencement.

Key Responsibilities:
• Manage and optimize infrastructure to support the growth of the product
• Lead product enhancements to ensure plano maintains its competitive edge
• Product management and lead all reviews/approvals for product releases
• Identify, recruit and manage a small tech team to:
  o Design, build, and maintain efficient, reusable, and reliable .Net, SWIFT and Java code
  o Ensure the best possible performance, quality, and responsiveness of the applications (mobile and web)
  o Prioritize features to work on while running on tight deadlines to ensure the application is aligned with marketing campaigns
  o Help maintain code quality, organization, automatization and optimization
  o Enforce version control and codes backup
  o Deploy new versions
  o Ensure security and integrity of data
  o Build Analytics tracking and integration
  o Technology stack
• Work closely with the MD, Business Development lead and Marketing lead to define and implement product enhancements, new features and developments to achieve the company’s strategic objectives

Key Duties:
• Product management and customer relations
• Data management and security
• Track and analyze product performance metrics
• Lead discussions for technology agenda items in the company’s weekly meetings
- Remain up to date on product competitors, industry landscape and developments
- Market and tech research
- Consolidate the different facets of the product and lead the development for each
- Take the initiative in thought leadership, innovation and creativity

**Requirements & Skills:**
- Excellent communication skills and team work ethic
- Strong interpersonal and leadership skills
- Be creative and innovative
- Possesses exceptional product management skills
- Well-versed in current technological trends
- Successful in fast paced and quick changing environments
- Problem-solving aptitude
- Technical expertise in app development, backend management and data security
  - .NET (MVC)
  - HTML, CSS and JavaScript
  - AWS EC2
  - AWS RDS (MSsql)
  - AWS S3
  - Understand how API work with mobile apps
  - SWIFT3 for Xcode
  - Java for Android Studio
- Network Development and Maintenance
- User Management
- Average minimum of 4-6 years prior experience preferred
- Minimum Education: Bachelor’s Degree in Engineering, Computer Science or related field

**About plano:**
Plano aims to manage smart device use and myopia in children. In an increasingly digitalized world, children are getting access to smart devices at a younger age; this early exposure and excessive use can lead to eye health, mental health and behavioural problems if not managed early.

In brief, plano is a home-grown start-up that was incubated in the Singapore National Eye Centre (SNEC). The first product is an innovative parental management tool that runs in the background of smart devices, and uses the phones sensors to pick up myopia risk factors and unsafe usage habits. It is designed to empower children by incentivising them with the right behaviours, and through data analytics, improve access to optometry services to those who most need it.

At plano, we are passionate about enabling our next generation of ‘digital natives’ to grow up in a healthy and balanced environment. We are always on the lookout for likeminded people who are motivated by how technology can benefit society in the health space.

[https://plano.co/](https://plano.co/)

**Application:**
To apply, please submit your detailed resume to NBS Alumni Affairs at nbsalumnioffice@ntu.edu.sg

Only shortlisted applicants will be notified.