To Whom It May Concern,

I am writing to highly recommend Howard for any engineering team. In the last six months, Howard has been working with our team at NetApp with the goal of building a fully configurable tiered storage system built on Clickhouse. This project is a large undertaking that required careful design, implementation, testing, and integration with many other systems working in production.

Throughout his time here, Howard has demonstrated strong initiative, along with exceptional design, coding, and communication skills. He consistently takes on new challenges and has worked diligently to see this project through to completion. Recently, he was able to demonstrate a successful of a proof-of-concept system for this tiered storage architecture, which so far has been performing very well with production-level workloads. This system is very promising because it has the potential to significantly save storage costs and create new business models for several of our cloud storage services.

In addition to his technical skills, Howard is a pleasure to work with and is always willing to go above and beyond to address any roadblocks that come up. I have no doubt that he would be a great asset to any engineering team, and I highly recommend him for any opportunities that may arise.

Sincerely,

Vinod Manmathan

Senior Software Engineer

[Vinod.Manmathan@netapp.com](mailto:Vinod.Manmathan@netapp.com)