Fixing a k-homomorphism $f : V \to W$ such that $f \mid W$ is the identity, we can define $g : V \to V$ as

$g(v) = |G|^{-1} \sum_{g \in G} \sigma_i^{-1} f(\sigma v)$ for $v \in V$.

We check easily that g is a kG-homomorphism with $g \mid W = \mathrm{Id}_W$, and so $V = W \oplus \ker(g)$.