

# GSoC 2025 in Kotlin Foundation - Mid Term Evaluation Notes

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This document keeps links to the key deliverables during the first coding phase. If I missed something, just suggest the edits!


More info:

- <https://kotlinlang.org/docs/gsoc-overview.html>
- <https://community.gradle.org/events/gsoc/>

## ToC

<b>Aarav - Gradle Convention Plugin for Developing Jenkins Plugins</b>	<b>1</b>
<b>Hemram - Build a Modern, Compiler-Integrated Kotlin Language Server</b>	<b>1</b>
<b>Nouran - Improving Configuration Cache and Lock Contention in Key Gradle Plugins</b>	<b>2</b>
<b>Ruchi - Adding KMP support in Bazel</b>	<b>2</b>
<b>Sean Chin - Support Android and iOS targets in Kotlin Multiplatform for Gemini using Vertex AI in Firebase</b>	<b>2</b>
<b>Vanessa - Enhanced Kotlin Code Quality Reporting with Gradle Problems API: Integration with Detekt and Ktlint</b>	<b>3</b>
<b>Victoria - IntelliJ Platform Gradle Plugin – Gradle Reporting and Parallel Verifications</b>	<b>3</b>
<b>Yongjun - Maven Central publishing plugin for Gradle with new APIs</b>	<b>3</b>

## Aarav - Gradle Convention Plugin for Developing Jenkins Plugins

- Project page: <https://community.gradle.org/events/gsoc/2025/jenkins-plugins-toolchain/>
- Mid-term Demo (Raw):  GSoC 2025\_Jenkins\_Plugin\_Toolchain\_with\_Gradle.mp4
- Main Repo: <https://github.com/aaravmahajanofficial/jenkins-gradle-convention-plugin>
- Discussion Channel:
  - #jenkins-plugin-toolchain on the Gradle Community Slack
- Deliverables:
  - Alpha version of the convention plugin for Gradle Plugin Development in <https://github.com/aaravmahajanofficial/jenkins-gradle-convention-plugin>
    - Last commit - <https://github.com/aaravmahajanofficial/jenkins-gradle-convention-plugin/commit/39c2a0509a3996a60ba903082924dc1032942360>

## Hemram - Build a Modern, Compiler-Integrated Kotlin Language Server

- Project page: <https://github.com/h4-mm-3r/kotlin-lsp>
- Mid-term Demo (Raw): 📺 GSoC 2025 - Demo - Kotlin LSP.mp4
- Main Repo: N/A
- Discussion Channel: #gsoc-kotlin-lsp-project
- Deliverables:
  - <https://github.com/H4-MM-3R/kotlin-lsp/releases/tag/v1.5>

## Nouran - Improving Configuration Cache and Lock Contention in Key Gradle Plugins

- Project page: <https://community.gradle.org/events/gsoc/2025/configuration-cache-and-lock-contention/>
- Mid-term Demo: 📺 GSoC 2025 - Nouran - Improving Configuration Cache and lock c...
- Main Repo: N/A
- Discussion Channel:
  - #gsoc-2025-improving-cc on the GradleCommunity Slack
- Deliverables:
  - Partial patch for the Nebula Lint Plugin - <https://github.com/nebula-plugins/gradle-lint-plugin/pull/433>
  - Blog post with the learnings and tips for developers: <https://dev.to/gradle-community/unlocking-configuration-cache-with-gsoc-contributor-374l>
  - WiP - Cookbook page - <https://github.com/gradle/cookbook/pull/52>
  - Fixing Configuration Cache compatibility issue in Play Framework plugin - <https://github.com/gradle/playframework/pull/207>

## Ruchi - Adding KMP support in Bazel

The project was aborted due to the administrative/compliance issues (unrelated to the contributor's performance)

## Sean Chin - Support Android and iOS targets in Kotlin Multiplatform for Gemini using Vertex AI in Firebase


- Project page: <https://summerofcode.withgoogle.com/programs/2025/projects/Ow6J6ami>

- Mid-term Demo (Raw)
- Main Repo: <https://github.com/SeanChinJunKai/firebase-ai-kmp>
- Discussion Channel:
  - #gsoc-kmp-gemini-firebase on the Kotlin Foundation Slack
- Deliverables:
  - Sample app: <https://github.com/SeanChinJunKai/firebase-ai-sample>
  - Code:
    - <https://github.com/SeanChinJunKai/firebase-ai-kmp> (Published to MavenCentral)
    - <https://github.com/SeanChinJunKai/FirebaseAIBridge>

## Vanessa - Enhanced Kotlin Code Quality Reporting with Gradle Problems API: Integration with Detekt and Ktlint

- Project page: <https://community.gradle.org/events/gsoc/2025/kotlin-code-quality-with-problems-api/>
- Mid-term Demo (Raw):
- Main Repo:
- Discussion Channel:
  - #problems-api on the Gradle Community Slack
  - #detekt on the Kotlin Foundation Slack
- Deliverables:
  - <https://github.com/detekt/detekt/pull/8275>

## Victoria - IntelliJ Platform Gradle Plugin – Gradle Reporting and Parallel Verifications

- Project page: <https://summerofcode.withgoogle.com/programs/2025/projects/IJoAo8B7>
- Mid-term Demo (Raw):  GMT20250718-123713\_Recording\_1920x1080.mp4
- Main Repo: <https://github.com/JetBrains/intellij-platform-gradle-plugin>
- Discussion Channel:
  - [#gsoc-ij-gradle-plugin](#) on the Kotlin Foundation Slack
- Deliverables:
  - Integrate Gradle Reporting API
  - Integrate Problems API

## Yongjun - Maven Central publishing plugin for Gradle with new APIs

- Project page: <https://community.gradle.org/events/gsoc/2025/maven-central-publishing-with-new-api/>
- Mid-term Demo (Raw): [https://drive.google.com/file/d/1McNXyBdIQpEPqTn2ZRjnYJ4E8JNwHMZE/view?usp=drive\\_link](https://drive.google.com/file/d/1McNXyBdIQpEPqTn2ZRjnYJ4E8JNwHMZE/view?usp=drive_link)
- Main Repo: <https://github.com/YongGoose/kotlin-pom-gradle>
- Discussion Channel:
  - #maven-central-publishing on the Gradle Community Slack
- Deliverables:
  - Organization-wide POM Management Options
  - Artifact POM Validation for compliance with Maven Central requirements
    - NOTE: signing validation is not yet implemented
  - <https://github.com/YongGoose/kotlin-pom-gradle> , last commit is <https://github.com/YongGoose/kotlin-pom-gradle/commit/787821af740f17cda3296a6ff88ad3fe78c0c248>