𝐒𝐲𝐬𝐭𝐞𝐦 𝐃𝐞𝐬𝐢𝐠𝐧 𝐑𝐞𝐬𝐨𝐮𝐫𝐜𝐞𝐬: [Netflix](https://www.linkedin.com/company/netflix/)'𝘴 𝘛𝘦𝘤𝘩 𝘚𝘵𝘢𝘤𝘬  
  
𝘛𝘩𝘪𝘴 𝘱𝘰𝘴𝘵 𝘪𝘴 𝘣𝘢𝘴𝘦𝘥 𝘰𝘯 𝘳𝘦𝘴𝘦𝘢𝘳𝘤𝘩 𝘧𝘳𝘰𝘮 𝘮𝘢𝘯𝘺 𝘕𝘦𝘵𝘧𝘭𝘪𝘹 𝘦𝘯𝘨𝘪𝘯𝘦𝘦𝘳𝘪𝘯𝘨 𝘣𝘭𝘰𝘨𝘴 𝘢𝘯𝘥 𝘰𝘱𝘦𝘯-𝘴𝘰𝘶𝘳𝘤𝘦 𝘱𝘳𝘰𝘫𝘦𝘤𝘵𝘴. 𝘐𝘧 𝘺𝘰𝘶 𝘤𝘰𝘮𝘦 𝘢𝘤𝘳𝘰𝘴𝘴 𝘢𝘯𝘺 𝘪𝘯𝘢𝘤𝘤𝘶𝘳𝘢𝘤𝘪𝘦𝘴, 𝘱𝘭𝘦𝘢𝘴𝘦 𝘧𝘦𝘦𝘭 𝘧𝘳𝘦𝘦 𝘵𝘰 𝘪𝘯𝘧𝘰𝘳𝘮 𝘶𝘴.  
  
𝐌𝐨𝐛𝐢𝐥𝐞 𝐚𝐧𝐝 𝐖𝐞𝐛: Netflix has adopted Swift and Kotlin to build native mobile apps. For its web application, it uses React.  
  
𝐅𝐫𝐨𝐧𝐭𝐞𝐧𝐝/𝐒𝐞𝐫𝐯𝐞𝐫 𝐂𝐨𝐦𝐦𝐮𝐧𝐢𝐜𝐚𝐭𝐢𝐨𝐧: GraphQL.  
  
𝐁𝐚𝐜𝐤𝐞𝐧𝐝 𝐒𝐞𝐫𝐯𝐢𝐜𝐞𝐬: Netflix relies on ZUUL, Eureka, the Spring Boot framework, and other technologies.  
  
𝐃𝐚𝐭𝐚𝐛𝐚𝐬𝐞𝐬: Netflix utilizes EV cache, Cassandra, CockroachDB, and other databases.  
  
𝐌𝐞𝐬𝐬𝐚𝐠𝐢𝐧𝐠/𝐒𝐭𝐫𝐞𝐚𝐦𝐢𝐧𝐠: Netflix employs Apache Kafka and Fink for messaging and streaming purposes.  
  
𝐕𝐢𝐝𝐞𝐨 𝐒𝐭𝐨𝐫𝐚𝐠𝐞: Netflix uses S3 and Open Connect for video storage.  
  
𝐃𝐚𝐭𝐚 𝐩𝐫𝐨𝐜𝐞𝐬𝐬𝐢𝐧𝐠: Netflix utilizes Flink and Spark for data processing, which is then visualized using Tableau. Redshift is used for processing structured data warehouse information.  
  
𝐂𝐈/𝐂𝐃: Netflix employs various tools such as JIRA, Confluence, PagerDuty, Jenkins, Gradle, Chaos Monkey, Spinnaker, Altas, and more for CI/CD processes.  
  
–-  
Credits: [ByteByteGo](https://www.linkedin.com/company/bytebytego/) & [Alex Xu](https://www.linkedin.com/in/ACoAAAJcVUEBpKxeVUb94KnEePlKepfIXeP2RM0)  
  
Follow [Tauseef Fayyaz](https://www.linkedin.com/in/ACoAACogvGkBsaFqvSPBkBwBwBpj-QjPY9YEKss) for more amazing and helpful content!  
  
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