What tech stack is commonly used for microservices?  
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Below you will find a diagram showing the microservice tech stack, both for the development phase and for production.  
  
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🔹 Define API - This establishes a contract between frontend and backend. We can use Postman or OpenAPI for this.  
  
🔹 Development - Node.js or react is popular for frontend development, and java/python/go for backend development. Also, we need to change the configurations in the API gateway according to API definitions.  
  
🔹 Continuous Integration - JUnit and Jenkins for automated testing. The code is packaged into a Docker image and deployed as microservices.  
  
▶️ 𝐏𝐫𝐨𝐝𝐮𝐜𝐭𝐢𝐨𝐧  
🔹 NGinx is a common choice for load balancers. Cloudflare provides CDN (Content Delivery Network).   
  
🔹 API Gateway - We can use spring boot for the gateway, and use Eureka/Zookeeper for service discovery.  
  
🔹 The microservices are deployed on clouds. We have options among AWS, Microsoft Azure, or Google GCP.  
  
🔹 Cache and Full-text Search - Redis is a common choice for caching key-value pairs. ElasticSearch is used for full-text search.  
  
🔹 Communications - For services to talk to each other, we can use messaging infra Kafka or RPC.  
  
🔹 Persistence - We can use MySQL or PostgreSQL for a relational database, and Amazon S3 for object store. We can also use Cassandra for the wide-column store if necessary.  
  
🔹 Management & Monitoring - To manage so many microservices, the common Ops tools include Prometheus, Elastic Stack, and Kubernetes.  
  
👉 Over to you: Did I miss anything? Please comment on what you think is necessary to learn microservices.  
   
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