**Week 11**

**11.1 Serverless Fns**

* npm create cloudflare -- my-app
* We are using Cloudflare workers, GCP has functions, AWS has lambda.
* A worker is mini node JS process.
* AWS lamba is most widely used. In serverless backends, we pay per request. It is not ideal at scale.
* npx wrangler login
* npx wrangler whoami
* Whenever there’s an async call inside the function, the function returns a promise of the return type like Promise<Response> or Promise<number>.
* Change in wrangler.toml the name if you want to start another worker.
* Express does not work on Cloudflare workers.
* Hono is a routing framework like express. Wrangler is a CLI for connecting to cloudflare.

**11.2 AWS Deployments**

* SSH stands for secure shell.
* SSH is used for connecting to AWS through your mac and deploy your code there. The default port is 22.
* Default port for HTTP is 80, default port for HTTPS is 443.
* Since the default port is 80, you do not need to explicitly write it in the address bar.
* ssh -i saad-test-2.pem ubuntu@13.234.111.39 – for connecting to the server.
* 13.234.111.39 is the ip of your machine.
* chmod 700 saad-test-2.pem
* Now rerun the connecting command.