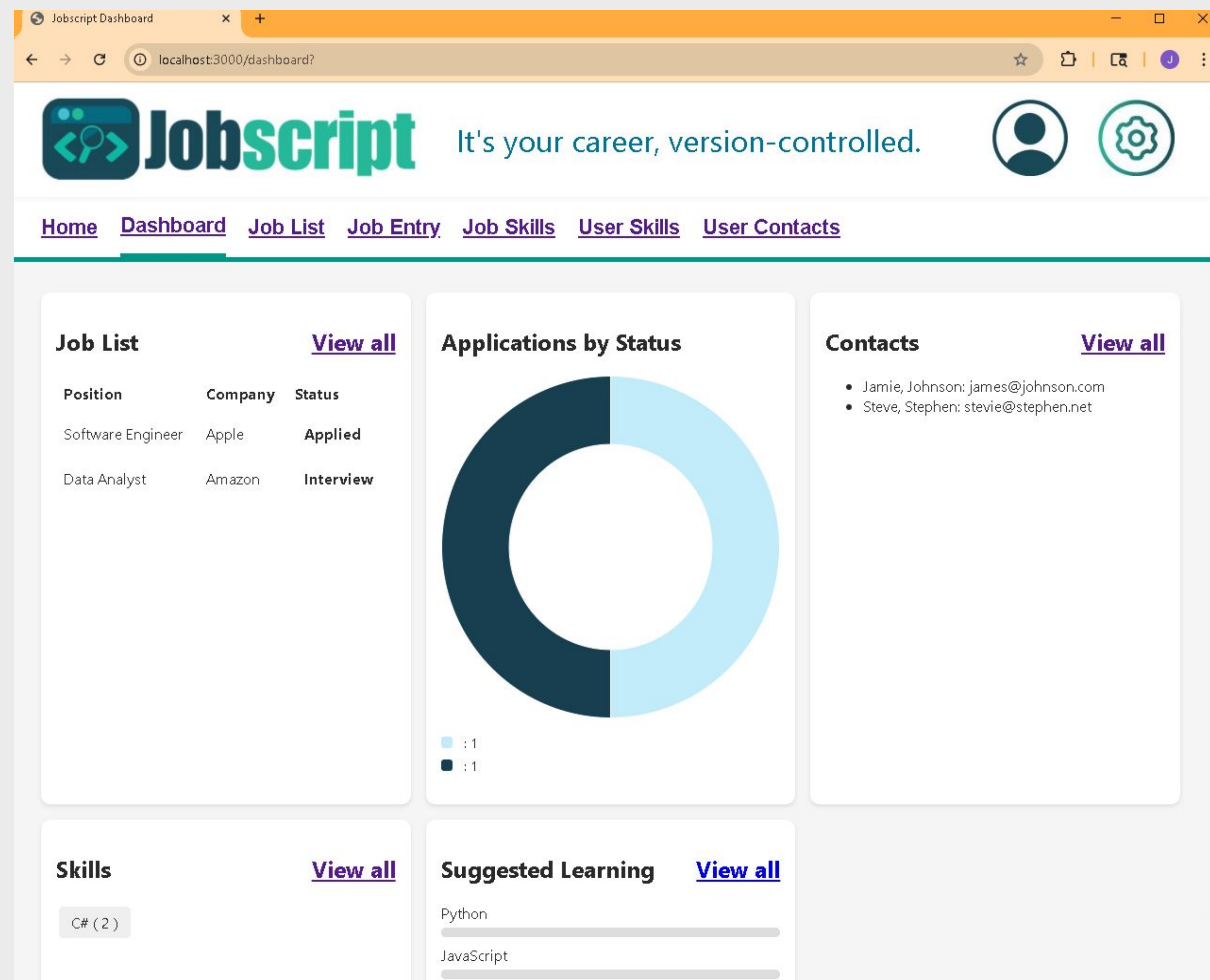


# Jobscript - A Job Tracker Project

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Jobscript is a full stack web application designed to help users organize job applications, track in demand skills, and connect with peers pursuing similar career goals. The app supports full CRUD functionality through a backend connected to a Supabase PostgreSQL database for data storage as well as authentication.



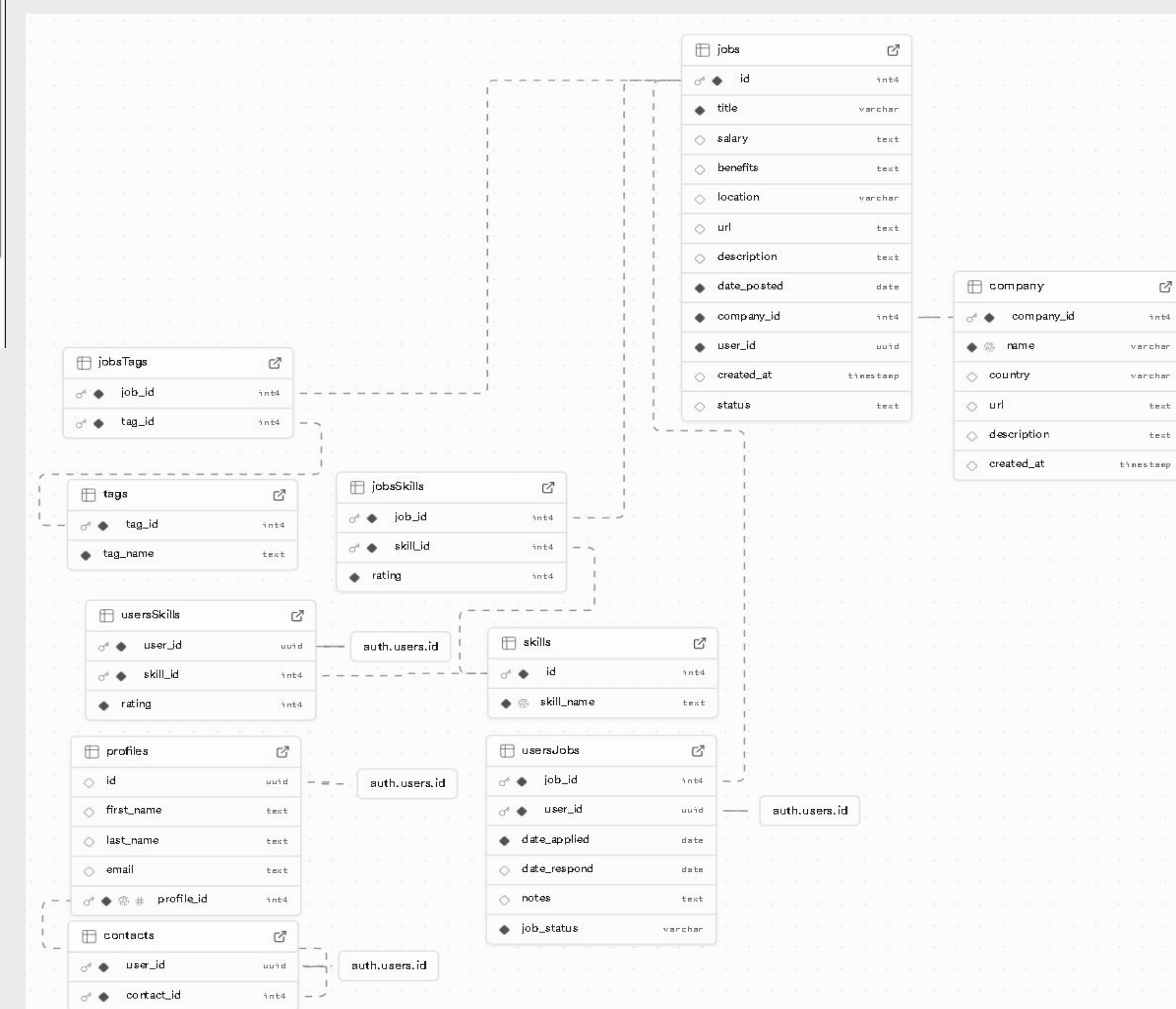
```
const addJobs = async (req, res) => {
  const user_id = req.user.id;
  const { title, status, salary, benefits, location, url, description, date_posted, company_name, skills, tags } =
    req.body;
  const companyData = await checkIfCompanyExist(company_name);

  let company_id;
  if (companyData.length === 0) {
    const { data: addedCompany } = await supabase
      .from("company")
      .insert({ name: company_name })
      .select();
    console.log(addedCompany);
    company_id = addedCompany[0].company_id;
  } else {
    company_id = companyData[0].company_id;
  }

  const { data, error } = await supabase
    .from("jobs")
    .insert({ title, status, salary, benefits, location, url, description, date_posted, user_id, company_id })
    .select();

  if (error) {
    return res.status(400).json({ error: error.message });
  }

  const skillNames = Object.keys(skills ?? []);
  const matchedSkills = await checkIfSkillsExist(skillNames);
  const skillIds = await getSkillsId(matchedSkills, skillNames);
```



### Features

- Users can create an account, log in, and manage their job applications, skills, and contacts.
- Each job entry includes metadata such as company, role, status, required skills, and more.
- The skill dashboard aggregates required skills from all the user's applications so they can identify which skill are most in demand.
- Users can also view the companies and skills that their peers are working toward.
- The database schema supports clean relationship between users, jobs, skills, and contacts to ensure reliable data entry.
- Users can edit or delete any of their entries, making it easy to keep track of their job search.

### Tech Stack Overview

Jobscript is built using Node.js and Express with EJS for server side rendering, and HTML, CSS, JavaScript for the frontend. We use Supabase to handle the authentication which also provides a PostgreSQL database. For testing we used Postman, Lucidchart to create diagrams, GitHub for collaboration, and deployed on Render.