

# SERVICES AND DEPENDENCIES

## HOSTING

**Vercel:** Deployment platform for modern web applications.

**Amazon Web Services (AWS):** Cloud solutions for hosting and storage.

**Neon:** Hosting optimized for PostgreSQL databases.

## SERVICES

**Google Maps API:** Map and geolocation integration.

**Google OAuth 2.0:** Secure authentication for applications.

**Resend:** Sending transactional and recovery emails.

**Cloudinary:** Storage, optimization, and delivery of multimedia content.

**Pexels:** Access to a wide collection of high-quality images and videos.

## AUTHENTICATION

**Auth.js:** Handling authentication flows such as login, registration, and OAuth.

**Bcrypt/Bcrypt.js:** Password encryption for added security.

**UUID:** Generation of unique identifiers.

**React Hook Form:** Handling reactive forms.

**Zod:** Data schema validation.

## FRAMEWORKS

**Next.js:** Framework for React applications with server-side rendering.

## TOOLS

**Shadcn/UI:** Accessible and customizable components for React.

**Swiper:** Carousels and sliders for interactive content.

## DATABASE MANAGEMENT

**Prisma:** ORM (Object-Relational Mapper) for relational databases.

**PostgreSQL:** Robust and scalable relational database.

## METHODOLOGIES

**Agile/Scrum:** Iterative and collaborative approaches to software development.

**Trunk-Based Development:** Repository management strategy based on continuous integration.