

# # Ondrej Beranek - Portfolio Website Documentation

## ## Overview

This is a responsive personal portfolio website for Ondrej Beranek, a frontend developer. The application showcases skills, projects, and contact information and includes a downloadable CV and dynamic theming support (light/dark mode). Built using React and Bootstrap.

## ## Tech Stack

- React (with Hooks)
- Bootstrap 5 for layout and components
- EmailJS for form-based email sending with auto-reply
- AOS (Animate on Scroll) for section animations
- React Icons for technology and social icons
- Custom CSS for theme toggle and animated background

## ## Features

- Light/Dark Theme Toggle
  - Custom toggle switch styled with halo and glow
  - Applies bg-light text-dark or bg-dark text-light classes to root
- Animated Background
  - Custom CSS-based background with animated radial dot pattern
  - Theme-aware via currentColor and .bg-dark/.bg-light color overrides
  - pointer-events: none ensures interactivity is not blocked
- Sections:
  1. Hero Section: Title and animated role using react-type-animation

2. Skills Section: Displays technologies used and technologies currently learning
3. Projects Section: Responsive cards with GitHub links
4. CV Section: Button to download CV (/public/beranek\_cv.pdf)
5. Contact Section: LinkedIn and GitHub links, EmailJS form

## ## File Structure

public/

beranek\_cv.pdf      # CV file served directly

src/

App.js              # Main React component

App.css            # Theme styles, toggle styles, background

index.js            # Entry point

## ## Email Setup (EmailJS)

Uses two templates:

- Contact Us Template - sends the actual message
- Auto-Reply Template - sends confirmation back to user

Environment variables used:

REACT\_APP\_EMAILJS\_SERVICE\_ID

REACT\_APP\_EMAILJS\_TEMPLATE\_ID

REACT\_APP\_EMAILJS\_AUTO\_REPLY\_TEMPLATE\_ID

REACT\_APP\_EMAILJS\_PUBLIC\_KEY

## ## Development Scripts

npm install      # Install dependencies

npm start        # Start local dev server

npm run build # Build for production

## ## Deployment Notes

- Make sure beranek\_cv.pdf is placed in /public
- Ensure EmailJS credentials are stored in a secure .env file
- Animations depend on AOS CSS and init in useEffect

## ## Future Improvements

- Animated blob or wave SVG background
- Scroll-based project filters
- Project modal view with screenshots
- i18n toggle for Czech / English

Created with love by Ondrej Beranek