

CV Application Development

Major Project for Meta Scifor Technologies

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Project Overview

- Developed a CV Application using React
- Major functionalities:
 - User form to input CV details
 - Real-time PDF generation with React-PDF
 - Downloadable formatted CV
- Tools: Vite, React, React To PDF

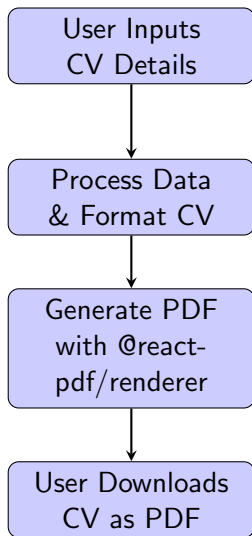
Technologies and Dependencies

- Core libraries and dependencies:
 - **React**: Frontend framework (<https://reactjs.org/docs/getting-started.html>)
 - **@react-pdf/renderer**: PDF generation (<https://react-pdf.org/>)
 - **Font Awesome and Material Icons**: Icons
- Dev dependencies:
 - **ESLint**: Code quality and linting
 - **Vite**: Fast build tool for development

Deployment with Vercel

- **Platform:** Vercel (<https://vercel.com/>)
- **Reason for choosing Vercel:**
 - Provides continuous deployment and hosting
 - Easily integrates with Vite and supports serverless functions
 - Fully supports React applications with dynamic routing
- **Limitations of GitHub Pages:**
 - GitHub Pages only supports static sites
 - Limited configuration options for build and deployment of dynamic apps

Application Workflow



- CSS and Material Design principles for a clean, professional look
- Responsive design for various device sizes
- Modal components for data entry and PDF preview

Challenges Faced

- Preview: Ensuring the CV preview updates dynamically as users input data.
- PDF Generation: Handling formatting issues with React-PDF.

Future Improvements

- Add more customization options for CV templates
- Enhance data validation and error handling
- Implement a backend for data storage and retrieval

References



React Documentation. Available at:
<https://reactjs.org/docs/getting-started.html>



React-PDF Documentation. Available at: <https://react-pdf.org/>



Vercel Documentation. Available at: <https://vercel.com/docs>

Thank You!

Questions?