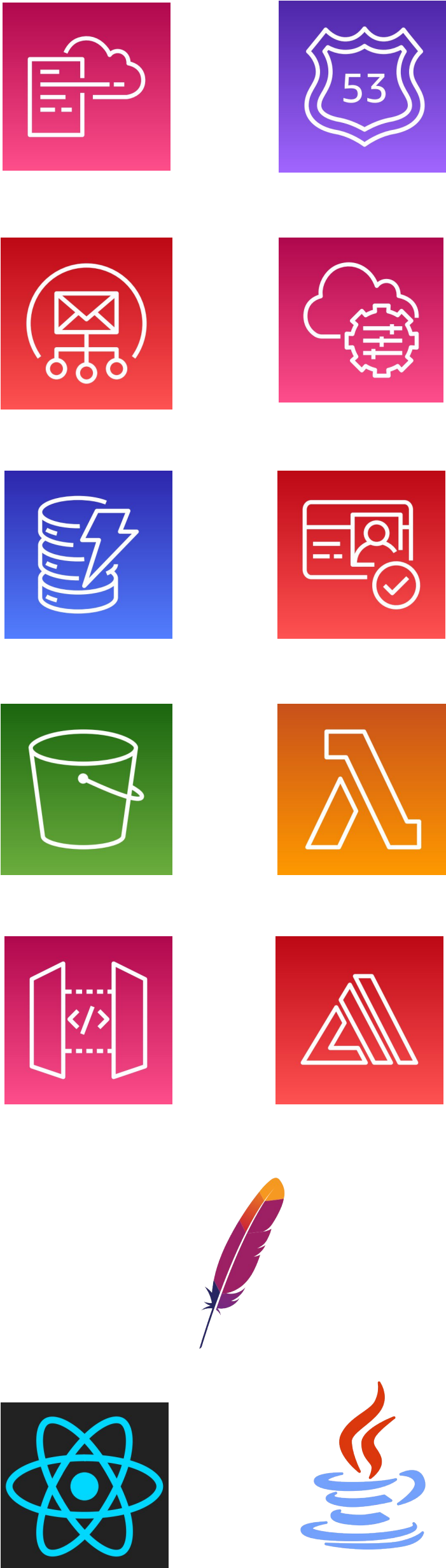


Family^{FD}Directory

Maxwell Kapral

Tech Stack



Abstract

A fully-reproducible, full-stack application for managing familial contact information in a relationship-oriented manner. Each member is capable of self-sign-up to their respective Family Directory with their email. Individual members can edit their own data, edit/create data for their significant other, and edit/create descendants younger than eighteen. Members must be logged in to view/edit/create data on their Family Directory and all data is encrypted at rest and in-transit. When a member modifies their Family Directory, a PDF of their entire Family Directory is created real-time and stored in AWS S3. These PDFs are generating by traversing the tree depth-first and age laterally from the root member.

Windsor Family Directory

Elizabeth Windsor

Birthday:

April 21, 1926

Deathday:

September 8, 2022

Philip Mountbatten

Birthday:

June 10, 1921

Deathday:

April 9, 2021

Charles Windsor

Birthday:

November 14, 1948

Email:

demo@maxkapral.com

Mobile Phone:

+44 70 1126 4964

Landline Phone:

+44 70 0170 3319

Address:

Buckingham Palace
London SW1A 1AA, UK

Andrew Edward

Birthday:

February 19, 1960

Email:

princeandrew@royal.co.uk

Mobile Phone:

+44 7832 643347

Landline Phone:

+44 7876 604465

Address:

9147 Grove St
Lancaster LA9 6AJ

Anne Louise

Birthday:

August 15, 1950

Address:

23748 Jess Vista
Lestermouth, Ireland

Edward Louis

Birthday:

March 10, 1964

Landline Phone:

+44 800 867 5309

WINDSOR FAMILY DIRECTORY			
December 6, 2023			
<div>†Elizabeth Windsor & †Philip Mountbatten</div> <div>April 21, 1926</div> <div>†September 8, 2022</div> <div>June 10, 1921</div> <div>†April 9, 2021</div>	<div>Harry David & Meghan Markle</div> <div>September 15, 1984</div> <div>August 4, 1981</div> <div>8275 Charles St</div> <div>Fullerton CA 92831</div> <div>+1 510-345-4685</div> <div>princeharry@royal.uk</div> <div>meghanmarkle@royal.uk</div> <div>+1 510-897-7398</div> <div>• Archie Mountbatten-Windsor</div> <div>May 6, 2019</div> <div>• Lilibet Mountbatten-Windsor</div> <div>June 4, 2021</div>	<div>Zara Phillips & Mike Tindall</div> <div>May 15, 1981</div> <div>October 18, 1978</div> <div>9673 Queen St</div> <div>Torquay TQ92 6CL</div> <div>mike@rugby.com</div> <div>+44 7893 984512</div> <div>+44 7735 831604</div> <div>• Mia Tindall</div> <div>January 17, 2014</div> <div>• Lena Tindall</div> <div>June 18, 2018</div> <div>• Lucas Tindall</div> <div>March 21, 2021</div>	<div>Eugenie Helena & Jack Brooksbank</div> <div>March 23, 1990</div> <div>May 3, 1986</div> <div>60 Mill Ln</div> <div>Leeds LS27 3PW</div> <div>+44 7893 986881</div> <div>eugenie@royal.uk</div> <div>jbrooksbank@swissalps.uk</div> <div>+44 7893 984559</div> <div>+44 7893 557662</div> <div>• August Brooksbank</div> <div>February 9, 2021</div> <div>• Ernest Brooksbank</div> <div>May 30, 2023</div>
<div>Charles Windsor & Camilla Shand</div> <div>November 14, 1948</div> <div>July 17, 1947</div> <div>Buckingham Palace</div> <div>London SW1A 1AA, UK</div> <div>+44 70 0170 3319</div> <div>demo@maxkapral.com</div> <div>mail@maxkapral.com</div> <div>+44 70 1126 4964</div> <div>+44 70 2389 6094</div>	<div>Anne Louise & Timothy Laurence</div> <div>August 15, 1950</div> <div>March 1, 1955</div> <div>23748 Jess Vista</div> <div>Lestermouth, Ireland</div>	<div>Andrew Edward</div> <div>February 19, 1960</div> <div>9147 Grove St</div> <div>Lancaster LA9 6AJ</div> <div>+44 7876 604465</div> <div>princeandrew@royal.co.uk</div> <div>+44 7832 643347</div>	<div>Edward Louis & Sophie Rhys-Jones</div> <div>March 10, 1964</div> <div>January 20, 1965</div> <div>32 Victoria Rd</div> <div>Telford TF42 0LX</div> <div>+44 70 3733 4013</div> <div>sjones@royal.uk</div> <div>+44 7932 730763</div> <div>• James Mountbatten-Windsor</div> <div>December 17, 2007</div>
<div>William Louis & Kate Middleton</div> <div>June 21, 1982</div> <div>January 9, 1982</div> <div>73 Kirkland St</div> <div>Paradise, LB A1L 0Y0</div> <div>+1 613-379-0126</div> <div>katemiddleton@royal.uk</div> <div>+1 613-555-0178</div> <div>• George Louis</div> <div>July 22, 2013</div> <div>• Charlotte Diana</div> <div>May 2, 2015</div> <div>• Louis Charles</div> <div>April 23, 2018</div>	<div>Peter Phillips</div> <div>November 15, 1977</div> <div>83827 O'Reilly Mill</div> <div>Port Milesburgh, Ireland</div> <div>• Savannah Phillips</div> <div>December 29, 2010</div> <div>• Isla Phillips</div> <div>March 29, 2012</div>	<div>Beatrice Mary & Edoardo Mozzi</div> <div>August 8, 1988</div> <div>October 27, 1985</div> <div>360 Albert Rd</div> <div>Blackburn BB16 7IY</div> <div>mozzi@windsor.ca</div> <div>+44 7746 673315</div> <div>• Sienna Mozzi</div> <div>September 18, 2021</div>	<div>Louise Mountbatten-Windsor</div> <div>November 8, 2003</div> <div>173 Manchester Rd</div> <div>Nottingham NG45 2GN</div>