Automated Floor Planner Software/Web Applications

1. **Roomstyler 3D Home Planner**
   Website
   An intuitive and free 3D room design tool that allows users to design floor plans and customize layouts with automated placement of furniture.
2. **Floorplanner**
   Website
   A popular tool for creating 2D and 3D floor plans with drag-and-drop functionality. It automatically adjusts to space and helps visualize layouts quickly.
3. **SketchUp**
   Website
   A powerful, user-friendly tool for creating 3D models and floor plans. SketchUp's web version offers features for automated design and floor planning with a focus on architecture and interior design.
4. **Homestyler**
   Website
   This web-based floor planning tool allows users to design rooms and entire homes. It provides automated layout features and an extensive library of furniture and decor items.
5. **Cedreo**
   Website
   A home design software tool that allows professionals to create floor plans, 3D visualizations, and automated designs with minimal effort. It's tailored for home builders and designers.
6. **Sweet Home 3D**
   Website
   A free, open-source tool that provides an intuitive floor plan creation interface with automatic furniture arrangement, lighting, and 3D view.
7. **Planner 5D**
   Website
   A user-friendly platform for creating detailed floor plans, home designs, and visualizations. It offers both 2D and 3D views with automated design options.
8. **Space Designer 3D**
   Website
   A web-based tool for designing floor plans in 2D and 3D with an easy-to-use interface. It automates design aspects like furniture arrangement and room layout optimization.
9. **Roomle**
   Website
   An easy-to-use 3D floor planning and interior design tool that includes features for automatic furniture arrangement, 2D and 3D views, and layout customization.

AI-Powered Floor Planning Tools

1. **TestFit**
   Website
   A generative design tool focused on real estate and architectural layout optimization. It uses AI and algorithms to automatically generate floor plans and layouts based on specific constraints and parameters.

2. **Autodesk Revit**
   Website
   While primarily a BIM tool, Revit has automated features that can help optimize floor plan designs. It is widely used for creating detailed architectural plans and integrating various building systems.
3. **SpaceIQ**
   [Website](#)
   A workplace management tool that allows users to automatically design and optimize office layouts, seating arrangements, and space utilization.
4. **HomeByMe**
   [Website](#)
   A home design software that offers both manual and automated floor planning features with 3D visualization, allowing users to create home layouts and interior designs.
5. **MagicPlan**
   [Website](#)
   A mobile app that automatically creates floor plans by taking photos of spaces. It simplifies the design process and generates accurate, scalable floor plans.
6. **ArchiCAD**
   Website
   A BIM software for architects, ArchiCAD automates floor plan and layout generation, optimizing space and material usage in building design.
7. **RoomScan Pro**
   [Website](#)
   A mobile app that automates floor plan creation by scanning the walls of a room and generates floor plans in real time.

Professional Floor Plan Design Automation

1. **Chief Architect**
   [Website](#)
   A powerful tool for home design that automates many aspects of floor planning, including material specifications, structural elements, and 3D renderings.
2. **AutoCAD Architecture**
   Website
   A specialized version of AutoCAD for architectural design, with tools to automate floor plan creation, dimensioning, and space planning.

Web-Based Automated Floor Planner Applications

1. **Planner 5D**
   [Website](#)
   A user-friendly platform for creating automated 2D and 3D floor plans. It includes AI tools for generating designs based on user preferences.
2. **Floorplanner**
   [Website](#)
   A popular online tool for designing floor plans quickly. It automates space layout and provides 3D visualization.
3. **HomeByMe**
   [Website](#)

Allows users to create and automate interior layouts and floor plans with drag-and-drop functionality.

4. **RoomSketcher**
   [Website](#)
   Offers automated tools for floor plan creation and real-time 3D visualization, suitable for homeowners and professionals.

5. **SmartDraw**
   Website
   Automates floor plan creation with templates and integration options for workflows.

Desktop and AI-Driven Design Software

1. **SketchUp**
   [Website](#)
   Features AI-driven plugins for automating floor layouts and integration with 3D modeling tools.

2. **Autodesk Revit**
   Website
   Provides automation features for generating detailed floor plans, especially for large architectural projects.

3. **Cedreo**
   [Website](#)
   An intuitive platform for creating 2D and 3D home layouts, automating designs with AI tools.

4. **Sweet Home 3D**
   [Website](#)
   An open-source application that automates 2D floor plan creation with drag-and-drop features.

5. **Foyr Neo**
   [Website](#)
   A cloud-based interior design tool that automates floor plan creation and 3D rendering with AI.

AI and Generative Design Platforms

1. **TestFit**
   [Website](#)
   Automates the generation of floor plans for residential, commercial, and mixed-use projects, considering constraints like lot dimensions and zoning rules.

2. **Archistar**
   [Website](#)
   Combines AI and automation for rapid floor plan generation and feasibility studies.

3. **Spacio**
   [Website](#)
   An AI-powered platform that automates office floor plans based on team size and requirements.

4. **SpaceIQ (SiQ)**
   [Website](#)
   Focuses on workspace management with automation for floor planning and optimization.

Customizable APIs and Developer Tools

1. **FloorGenerator for Blender**
   Website
   An add-on for automating the generation of floor layouts in Blender.
2. **Floor Plan API by VTS Rise**
   Website
   Provides APIs for creating custom automated floor planning solutions for commercial spaces.