

LAKSHYA MAHAWAR

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SUMMARY

I am an SAP Fiori Developer with over 2 years of experience in developing enterprise-grade Fiori applications, coupled with OData, Node.js, and Python-based backend development. Strong problem-solving and communication skills to transform business ideas into fully functional applications in the SAP landscape. Quick learner, adaptable to emerging technologies, and focused on building production-ready enterprise solutions.

SKILLS

Languages: C++, JavaScript, TypeScript, Python, ABAP, SQL, HTML5, CSS3

Frameworks & Libraries: Next.js, React, Node.js, Express.js, RESTful APIs, OData, Recoil, Redux, Fiori UI, Tailwind CSS

Cloud, DevOps & Databases: PostgreSQL, Supabase, SAP HANA, AWS EC2, Render, Vercel, Firebase, Docker, Git, GitHub Actions, Azure DevOps

Enterprise (SAP) & AI: Generative AI, LLMs, Prompt Engineering, SAP BTP, CAP, CDS Views, S/4HANA Cloud RISE

EXPERIENCE

V3iT Consulting Pvt. Ltd.

Aug 2024 – Present

SAP Fiori Developer

Remote

- Converted over 74 legacy ABAP program-based SQ01 queries to Analytical Core Data Service (CDS) Views for faster data retrieval.
- Converted CDS Views to Fiori Elements List apps on Business Application Studio (BAS) using Python and AI automation pipelines.
- Performed SPAU, SPDD, and SPAU_ENH reconciliations for ECC on-premise to S/4HANA Cloud RISE system migration.
- Made the legacy code ABAP Test Cockpit (ATC) Check compliant by replacing the deprecated modules by the released ones.
- Engineered a Python script using Playwright to automate adding over 2,000 catalogs and tiles, saving hundreds of manual effort hours.
- Resolved technical migration issues while transitioning from S/4HANA 2021 to the S/4HANA Cloud RISE platform.
- Provided technical implementation guidelines for core business functions across Supply Chain Management (SCM) modules.
- Created technical specifications, Azure DevOps testing suites, and user documentation, executing end-to-end integration testing.
- Automated the generation of user-specific User Acceptance Testing (UAT) manuals using Python.

PROJECTS

VLR Duel Game | *Next.js, PostgreSQL, Supabase, Python, WebSockets, Tailwind CSS*

Jan 2026 – Feb 2026

- Created a WebSocket-based real-time 1v1 multiplayer game using Next.js, Tailwind CSS, Supabase Realtime, and Python.
- Implemented user management, matchmaking logic, game state synchronization, and scoring logic within Next.js and Supabase.
- Configured database-level restrictions in PostgreSQL to prevent race conditions and maintain low-latency state updates.

ML Assisted Dynamic Maze Generation | *Python, Scikit-learn, Pandas, React, Tailwind CSS*

Jan 2023 – May 2023

- Developed a Python-based Maze game with a GUI, capable of generating mazes of specified size and difficulty level, analyzing their difficulty using Machine Learning and solving them.
- Used Kruskal's algorithm to generate the maze data and the Backtracking algorithm to obtain the solution to the maze in real-time.
- Utilized machine learning models Logistic Regression and SVM to predict the difficulty of the generated mazes and trained them by extracting over 10 important features from the maze data.
- Created the UI for the game using Pygame and a web application with React, Tailwind CSS, and P5.js.

Cognitive Therapy Chatbot | *React, Python, Node.js, Firebase, AWS EC2, AWS Lambda*

May 2023 – Jun 2023

- Designed a mental health chatbot web app using React, Firebase, Tailwind CSS, and OpenAI API deployed to AWS EC2 using PM2.
- Created a recommendation engine in Python to analyze conversational context and serve relevant therapeutic articles.
- Built a community forum page featuring post creation, comments, voting algorithms, and complete CRUD operations.
- Developed a lightweight web scraper in Python to extract and digest wellness content with sub-1000ms latency.

EDUCATION

Indian Institute of Technology, Roorkee

B.Tech in Electronics and Communication Engineering (CGPA: 7.35)

Roorkee, Uttarakhand

2020 – 2024