

Prasoon Mahawar

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SUMMARY

Experienced software engineer with over 5 years of experience specializing in web development, specializing in ReactJS, TypeScript and Python. Recently completed a Master's in ML and AI, transitioning into the role of a Machine Learning Engineer. Proficient in building scalable, user-friendly web applications and now focused on tackling intricate AI challenges.

SKILLS

Python, Machine Learning, Deep Learning, ReactJS, JavaScript, TypeScript, NextJS, PostgreSQL, HTML/CSS, PyTorch, NumPy, Pandas, RAG, Git, GenAI

EDUCATION

Liverpool John Moores University

Jan 2023 - Jul 2025

Master of Science in Machine Learning & AI

Poornima College of Engineering

Aug 2013 - May 2017

Bachelor of Technology in Computer Science

EXPERIENCE

Senior Software Developer

Oct 2023 - Feb 2024

Agilite

Remote

- Architected a **ReactJS/TypeScript** drug assessment module featuring an intuitive user interface, slashing drug search times by 60% and accelerating research cycles for the team.

Senior Software Developer

Oct 2021 - July 2022

Maximl Labs

Remote

- Implemented user-centric features, including enhanced tag filtering and in-app product feedback mechanisms. This resulted in a 20% increase in user engagement.
- Enhanced skeletal UI of application with **React, TypeScript**, which reduced user-reported bugs by 35%.

Staff Consultant

Aug 2018 - July 2021

Oracle Solution Services (India)

Bangalore, KA

- Developed a responsive user interface (UI) for a hybrid mobile application using **ReactJS, TypeScript, HTML, and CSS**, significantly enhancing user engagement for Japan Tobacco International (JTI).
- Resolved feedback management issues in a SAAS application through effective use of **ReactJS** and **TypeScript**, leading to a 40% reduction in reported bugs.
- Integrated a user-friendly Fixed Deposit feature using TypeScript, contributing to a 15% boost in user adoption on the SaaS platform.
- Built and optimized responsive user interfaces that seamlessly consumed RESTful APIs in a hybrid mobile application, ensuring efficient data display and cross-device compatibility on 95%+ of target devices.

Associate Consultant

Oct 2017 - Aug 2018


ASM Enterprise Solutions


Bangalore, KA

- Engineered responsive Frontend components of applications using **TypeScript, JavaScript** and **ReactJS**, while working for Oracle.

PROJECTS

SudoResume (200+)  - Introduced SudoResume, an AI-powered application that streamlines resume building and improves ATS compatibility for users, leveraging Gemini, **NextJS, TypeScript**, **PostgreSQL** and **Langchain**.

Malenoma Detection  - Composed a Deep Learning model utilizing Convolutional Neural Networks (CNN) accurate melanoma detection with accuracy of 0.81, using **TensorFlow** and **Keras**.

AI Text Detection  - Pioneered a RoBERTa-based **Natural Language Processing (NLP)** model using **PyTorch** for high-precision classification of AI-generated versus human-written text, achieving a F1 score of 0.90.