

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 Master of Science in Machine Learning & AI	Jan 2023 - Jul 2025
Poornima College of Engineering Bachelor of Technology in Computer Science	Aug 2013 - May 2017

EXPERIENCE

Senior Software Developer Agilite	Oct 2023 - Feb 2024 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 Maxim Labs	Oct 2021 - July 2022 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 Oracle Solution Services (India)	Aug 2018 - July 2021 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 ASM Enterprise Solutions	Oct 2017 - Aug 2018 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.