

# RAKSHIT VERMA

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## React Development | Django Backend | AI/ML Engineering | Web Applications

Full-stack developer with hands-on experience in building web applications using Django and React. Skilled in backend development, frontend integration, and creating automation tools with Bash scripting. Experienced in applying deep learning techniques such as CNNs and LLMs for intelligent applications. Comfortable with desktop app development using Tkinter, and data processing with NumPy and Pandas. Also familiar with Node.js for lightweight backend tasks.

Django Web Development	React & UI Development	Deep Learning (CNNs, LLMs)
Bash Scripting & Automation	Node.js (Basic Usage)	Tkinter GUI Apps
NumPy & Pandas	REST APIs	Debugging & Maintenance

### PROFESSIONAL EXPERIENCE

#### Full-Stack Web Developer | Blog Site (Personal Project)

Built a responsive blog platform with full user authentication, post creation/editing, and commenting functionality. Implemented secure login/signup workflows and RESTful APIs using Django for the backend and React for the frontend. Ensured mobile responsiveness and accessibility using Tailwind CSS and React Router for smooth navigation.

**Tech Used:** Django, React, Tailwind CSS, PostgreSQL, JWT, Git

#### AI Developer | Skin Cancer Prediction App (Personal Project)

Developed a web-based tool that uses a CNN model to predict skin cancer from uploaded images with good accuracy. Integrated the trained model into a Django backend with an intuitive UI for image uploads and result visualization. Focused on clean UI/UX design and used NumPy and TensorFlow for model inference.

**Tech Used:** Python, Django, TensorFlow, NumPy

#### Full-Stack Developer | Social Media Platform (College Project)

Created a dynamic full-stack social media app with features like user profiles, real-time post feeds, likes, and comments. Built the frontend with React and managed user state, routing, and interactivity. Developed REST APIs with Node.js and Express. Implemented MongoDB for data persistence and integrated authentication and authorization.

**Tech Used:** React, Node.js, Express, MongoDB, JWT, CSS Modules

### TECHNICAL SKILLS

**Languages:** Python, JavaScript, TypeScript, C++, Bash

**Databases:** PostgreSQL, MongoDB, SQLite, SQL

**Frameworks & Libraries** Django, ReactJS, Node.js, Express, React Native, TensorFlow, NumPy, Pandas

**Tools & Platforms:** Visual Studio Code, GitHub, Google Cloud Platform (GCP), Git, Linux Shell