

Abhishek Raut

LinkedIn | iamabhishekraut01@gmail.com | +91-9665704204 | Pune, Maharashtra | Portfolio

PROFESSIONAL SUMMARY

IT professional with experience in full-stack development, aerospace manufacturing, and UI/UX design. Skilled in JavaScript, Java, React.js, and modern web technologies. Strong problem-solving skills with a record of improving workflows and delivering responsive projects.

EDUCATION

PUNE UNIVERSITY

BE IN INFORMATION TECHNOLOGY

July 2025 | Pune, Maharashtra
Dhole Patil Collage of Engineering Pune

MSBTE

DIPLOMA IN MECHANICAL ENGG.

May 2021 | Karad, Maharashtra
Government Polytechnic Karad

LINKS

GitHub: raut-abhishek

LinkedIn:

<https://linkedin.com/in/abhishek-raut-736a3a21a>

Portfolio: Abhishek-portfolio.vercel.app

COURSEWORK

Data Structures and Algorithms

Object-Oriented Programming

Database Management Systems

Computer Networks

Operating Systems

SOFT SKILLS

Analytical, Creative, Innovation,
Structured

SKILLS

LANGUAGES

Java, JavaScript, HTML, CSS

FRAMEWORKS & LIBRARIES

React.js, Node.js, Express.js, GSAP, Shery.js

DATABASE

MongoDB, MySQL

TOOLS

Git, GitHub, Postman, VS Code, Compass,
Vercel, Render

PROJECTS

AI DEVELOPER – MERN FULL-STACK APPLICATION

Full-Stack Development | React.js, Node.js, Express.js, MongoDB, JWT, Redis, Socket.io, Google GenAI

- Built a full-stack AI-powered development platform enabling users to generate, manage, and run code snippets using the **Google Generative AI API** and WebContainer-based in-browser execution.
- Implemented secure authentication using **JWT, bcrypt, cookies, and Express middleware**, with role-based access control and server-side validation using **express-validator**.
- Utilized **Redis (ioredis)** for caching and improving performance of repeated AI queries and user session handling.
- Built real-time communication features using **Socket.io** for live project updates and collaborative interactions.

MERN AUTHENTICATION SYSTEM

Full-Stack Development | React.js, Node.js, Express.js, MongoDB, JWT

- Developed a secure user authentication web app using the MERN stack with **JWT-based login, registration, and email verification**.
- Integrated **MongoDB with Mongoose** for user data management and implemented backend validation using Express.js middleware.
- Created responsive frontend using **React (Vite)** with context-based state management for user sessions.

CLOUD DRIVE WEB APPLICATION

Full-Stack Development | Node.js, Express.js, MongoDB, Firebase, EJS, JWT, Bcrypt

- Built a Google Drive-like web application with secure **user authentication** (register/login) using **JWT and Bcrypt**.
- Implemented **file storage, retrieval, and access management** with MongoDB as the database.
- Designed responsive **EJS-based views** and structured routes with Express.js for scalable backend.
- Applied authentication middleware and validation to enhance **data security** and prevent unauthorized access.

PERSONAL PORTFOLIO WEBSITE

Frontend Development | React, React Router, Tailwind CSS, GSAP

- Designed and developed a responsive personal portfolio showcasing projects and skills.
- Implemented animations and interactive UI using GSAP and Typewriter.