

PRASHANT KUMAR

Software Developer | Python | AI/ML | Web Development

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PROFESSIONAL SUMMARY

Computer Science and Engineering student with a strong foundation in programming, algorithms, data structures, competitive programming, and software development. Experienced in building practical applications using Python, modern web technologies, and AI/ML concepts. Passionate about problem solving, intelligent applications, and continuously learning modern software development technologies.

TECHNICAL SKILLS

Programming Languages: Python, C, C++, Java, Kotlin, JavaScript

Web Development: HTML, CSS, JavaScript, React, Next.js, Tailwind CSS

AI & Machine Learning: Artificial Intelligence, Machine Learning, Computer Vision, Generative AI, BLIP

Database: SQL, MySQL, MongoDB, Database Management

Cloud & Deployment: AWS, Google Cloud, Vercel, Render, GitHub Pages

Developer Tools: Git, GitHub, VS Code, Postman, Docker

Core Concepts: Data Structures, Algorithms, Problem Solving, Competitive Programming

PROJECTS

AI Resume Analyzer

Python | Flask | HTML | CSS | JavaScript | AI

- Built a resume analysis and career optimization platform covering ATS readiness, resume quality, skills, achievements, keywords, and job compatibility.
- Added AI-assisted analysis, job tailoring, writing assistance, analysis history, resume builder, templates, PDF reports, and browser-based PDF export.

GitHub: github.com/Prashant7525/AI-Resume-Analyzer | Live: ai-resume-analyzer-ntat.onrender.com

AI Image Captioner

Next.js | React | Tailwind CSS | TypeScript | Python | Hugging Face

- Developed an AI-powered application that analyzes uploaded images and generates natural-language captions.
- Implemented practical image understanding features with a responsive web interface and deployed the application as a functional web project.

GitHub: github.com/Prashant7525/AI-Image-Captioner | Live: ai-image-captioner-3p7k.onrender.com

Scientific Calculator

Python | JavaScript | HTML | CSS | GitHub Pages

- Built a scientific calculator with a Tkinter desktop application and responsive browser-based web edition.
- Implemented scientific functions, DEG/RAD modes, calculation history, keyboard controls, safe expression evaluation, automated tests, and Windows executable packaging.

GitHub: github.com/Prashant7525/Scientific-Calculator | Live: prashant7525.github.io/Scientific-Calculator

Personal Portfolio Website

HTML | CSS | JavaScript | Next.js | React | TypeScript | Tailwind CSS | Vercel | GitHub Pages

- Designed and developed responsive portfolio experiences showcasing projects, technical skills, coding profiles, achievements, resume, education, and professional journey.
- Implemented interactive navigation, theme switching, scroll-based section highlighting, reveal animations, responsive layouts, email-copy functionality, and modern glassmorphism-inspired UI.

GitHub: github.com/Prashant7525/portfolio | Vercel: prashant7525.vercel.app | GitHub Pages: prashant7525.github.io

EDUCATION

JIS College of Engineering

Bachelor of Technology (B.Tech) — Computer Science and Engineering | August 2023 – July 2027

CGPA: 8.54

ACHIEVEMENTS

- Completed the GeeksforGeeks 160 Days of Problem Solving challenge.
- Solved 700+ problems on GeeksforGeeks and 1,200+ problems on LeetCode.

CERTIFICATIONS

- AWS Academy Graduate — AWS Academy Machine Learning Foundations
- Gemini Certified University Student
- Python with Django
- Internship Certificate — Machine Learning and Data Science
- Aptitude and Reasoning — Skill Up

CODING PROFILES

[LeetCode](#) | [GeeksforGeeks](#) | [HackerRank](#) | [CodeChef](#) | [Codeforces](#)