

# AKASH PENLIWAR

## SOFTWARE DEVELOPER

### CONTACT

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- <https://akashpenliwar.github.io/portfolio-akash/>

### EDUCATION

- 2021 - 2025  
DBATU UNIVERSITY
  - Bachelor of Technology in CS
  - CGPA: 7.0
- 2019 - 2021  
RAJIV GANDHI JR. COLLEGE ,  
CHANDRAPUR
  - HSC BOARD : 81%

### SKILLS

- Python
- Sql
- PowerBI
- Java
- MERN Stack
- JavaScript

### SOFT SKILLS

- Critical Thinking
- Communication Skills
- Leadership
- Problem-solving
- Adaptability

### LANGUAGES

- English (Fluent)
- Hindi (Fluent)
- Marathi (Fluent)
- Telugu (Intermediate)

### PROFILE

Self- Motivated software engineer with strong problem-solving skills and leadership abilities, seeking to contribute to innovative projects, drive team success, and deliver efficient, scalable solutions in a dynamic tech environment. Skilled in rapidly acquiring new knowledge and applying it effectively. Driven by a passion for continuous learning and successfully navigating change.

### PROJECTS

#### Blockchain Voting System

- Tech Stack: Ganache, Truffle, MetaMask, Web3.js, HTML, CSS, JavaScript, React
- Developed a decentralized e-voting platform using Ethereum smart contracts for transparent and tamper-proof elections.
  - Wrote and deployed smart contracts using Truffle and Ganache; integrated wallet authentication with MetaMask.
  - Built a responsive frontend using React and Web3.js to enable real-time voting and result visualization.

#### Blood Bank Management System

- Tech Stack: MongoDB, Express.js, React.js, Node.js (MERN Stack)
- Built a full-stack web application to manage blood donor registrations, blood requests, inventory, and hospital coordination.
  - Developed RESTful APIs with Express.js and Node.js to handle user roles (admin, donor, requester) and CRUD operations..
  - Designed an intuitive frontend using React.js and integrated MongoDB for real-time data storage and retrieval.

#### AI-Based Personal Coding Assistant

- Tech Stack: Google Gemini API, Django, Django REST Framework, HTML, CSS, JavaScript
- Built an AI-powered coding assistant that generates multi-language code solutions using different programming approaches via Gemini API.
  - Developed the backend using Django and Django REST Framework to handle prompt processing and API communication.
  - Designed a user-friendly frontend with HTML, CSS, and JavaScript for real-time input and output display.

### CERTIFICATES:

- NARESH IT, Hyderabad, Telengana**  
Offline
  - Python
  - Advanced Java
- Data Analytics (Google)**  
Coursera
- Cybersecurity (Google)**  
Coursera