

Akash Surendra Penliwar

Software-Engineer

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About Me

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.

EDUCATION

Dr. Babasaheb Ambedkar Technological University, Lonere

Nov 2021 - Sept 2025

Bachelors of Technology in Computer Science and Engineering

Rajiv Gandhi Junior College, Chandrapur

June 2020 – March 2021

MSBHSE (Class XII)

Percentage:81%

SKILLS AND INTERESTS

Programming Language

- 1. Java:** - Tokens, Datatypes, Variables, Operators, Conditional Statements, Looping Statements, Methods, Arrays, OOPs.
- 2. Python:-** Datatypes, Variable, Control Flow, Function, List Comprehension, Strings, Error Handling, Modules and Packages, File Handling, OOP

Frontend Technologies

- 1. HTML:** - HTML Tags, Elements, Tables, Forms, List, Validation attributes, Semantic Elements.
- 3. CSS:** - Selectors, Box Modeling, Font and Text properties, Positions, Background properties, Flex and Grid properties, Transform properties, Animation properties.
- 4. JavaScript:** - Variables, Lexical Scopes, Functions, Arrays.
- 5. SQL:** - SELECT, Filtering, Sorting, Aggregate Functions, Group, Joins, CTE, Windows Function.
- 6. PowerBI:** - Data Modeling, DAX, RLS, Deployment Pipeline, Integration with Python.
- 7. MERN Stack:** - MongoDB, Express.js, Node.js, React.js, Postman, Git&Github.

Soft Skills

Critical thinking, Communication Skills, Leadership, Problem-solving, Adaptability

PROJECTS

1. AI- Based Personal Coding Assistant -

Description: The Project aims to supports multi-language code generation with different programming approaches for a given problem using Google's Gemini API. The backend is built with Django and Django REST Framework, while the frontend uses HTML, CSS, and JavaScript.

Tools & Technologies: Python, Django, DRF, Gemini API, HTML, CSS, JavaScript, Redis, Celery.

2. Blockchain Voting System -

Description: Built a decentralized voting dApp using Ethereum smart contracts. Integrated MetaMask for wallet-based authentication and used Truffle and Ganache for development and testing. Ensured vote integrity with one-vote-per-user logic and real-time result tracking.

Tools & Technologies: Solidity, Truffle, Ganache, MetaMask, Web3.js, Node.js, html5 & Css3, JavaScript

Certificates

- ❖ Naresh IT Hyderabad, Telangana | (Offline)
 - Full stack Python & Django
 - Core and Advanced Java
- ❖ Data Analytics and Cybersecurity | (Google) | (Online)

