

Sayali Takalkar

Software Developer

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Summary

A dedicated software engineer with a passion for continuous learning and embracing challenges. Always eager and curious to explore new technologies and methodologies to enhance the skills and knowledge.

Work Experience

Graduate Engineer Trainee

Hindustan Platinum

Feb 2024 - ongoing

Mumbai, India

- Adapted quickly to project workflows, taking a closer look at how projects are built from scratch and planned for execution.
- Collaborated effectively with colleagues and third-party teammates to streamline project execution.
- Led the implementation of Single-Sign-On (SSO) within the team.
- Enhanced and optimized the in-house developed PMS System, PEM (Performance Enhancement Model), built on PHP TechStack:
- Managed system updates and maintenance to ensure optimal performance.
- Trained and guided internal employees in the effective use of the system.
- Developed and implemented internal APIs using Node.js for seamless project integration.
- Led the strategized approach for the upcoming HRMS migration project:
- Transitioning from an incomplete system to a fully digitalized HR solution, with a focus on efficient implementation and scaling.
- Analyzed and innovated workflows to ensure successful adaptation to the new digitalized HRMS solution.

Frontend Web Developer

Search In IT Solutions

2023 - 2024

Pune, India

- Innovated and created front-end designs that were aligned with client requirements and demands.
- Implemented and deployed the front end of the website, ensuring an engaging user experience.
- Optimized website performance using advanced animations and responsive design techniques.
- Achieved success in creating a clone of a website as a challenge, demonstrating innovation and technical skills.

Volunteering Experience

Mentorship

Training and Placement Cell, DYPIEMR

2023 - 2024

Pune, India

- Great experience in managing events and leading team.
- Exposure to build and manage people management skills.
- Opportunity to overcome stage-fear.

President

Computer Society of India Student Chapter DYPIEMR

2023 - 2024

Pune, India

- Lead a team of thinkers to work on new ways of organizing events.
- Hands-on involvement in developing and overseeing people management and leadership abilities.
- Opportunity to engage with new minds and explore innovative learning methods alongside peers.

Education

Bachelor's of Engineering

2024

- Dr. DY Patil Education Complex
- Computer Science Engineering
- CGPA: 8.94

Higher Secondary Education

2020

Secondary Education

2018

Projects

iNoteBook

- Frontend: React.js | Backend: MongoDB
- An application for saving notes with proper user authentication.
- [GitHub Repository](#)

Sudoku Solver

- Implementation of Recursion, Backtracking, and other Java concepts for solving Sudoku puzzles.
- [GitHub Repository](#)

tic-tac-toe

- A Java-based tic-tac-toe game demonstrating core Java programming concepts.
- [GitHub Repository](#)

Know Your Prescription

- A Machine Learning model to convert handwritten prescriptions from doctors to digital text with alternative options.
- [GitHub Repository](#)

Architecture Website

- Designed and built a website based on web page design principles.
- [GitHub Repository](#)

Skills

- Programming Languages: Java, JavaScript, C++, Node.js
- Web Development: React.js, HTML5, CSS, jQuery
- Database Management: MongoDB, MySQL
- Software Development: Object-Oriented Programming (OOP), API Development
- Version Control: Git, GitHub
- Data Structures & Algorithms: Problem-solving techniques using Java, C++, and Algorithms
- Project Management: Led and managed internal projects like the HRMS migration and PMS system development

Certificate

- Learn JAVA Programming - Beginner to Master
- Seminar on Cybersecurity and Ethical Hacking
- Mastering Data Structures & Algorithms using C and C++
- The Complete JavaScript Course 2024: From Zero to Expert!
- C++ Programming -Beginner to Advance- Deep Dive in C++
- Effective_Communication_GreatLearning

Hobbies

- Sketching
- Reading
- Dancing
- Swimming