

RISHIKESH PRASHNAT PATIL

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Summary

Passionate and driven Software Developer currently pursuing an MCA, with a solid foundation in **Java**, **JavaScript**, **C++**, and **React.js**. Keen to leverage academic knowledge in practical applications and enthusiastic about learning and mastering new technologies. Thrives in team environments and is eager to contribute to the development of impactful software solutions.

Projects

1. Chess Game

Developed a functional Chess game using Python and Pygame, showcasing expertise in game development and UI design. Key features include interactive gameplay, move validation, turn management, game status tracking, and customization. Technologies: Python (game logic) and Pygame (graphics and user interaction).

Pune
April 2024

2. Web Development Portfolio

Designed and developed a personal portfolio website using HTML, CSS, JavaScript, jQuery, and Bootstrap, inspired by Windows 12 concept art. Features include a modern design, interactive elements, organized content, custom components, and cross-browser compatibility. Technologies: HTML/CSS (structure and styling), JavaScript/jQuery (interactivity), and Bootstrap (responsive design).

Pune
April 2024-May2024

3. GroupUp

Developing **GroupUp**, a collaborative platform using React, Node.js, Express, and MySQL. Planned features include live communication, a collaborative code editor, online compilation; secure file storage, task and event management, an integrated mailing system, and JWT authorization for secure access.

Pune
Ongoing

Skills

Programming Languages:

JavaScript, JAVA, HTML, CSS, Python, C++

Database Management:

MySQL

Concepts:

Object Oriented Programming (OOP), Data Structures and Algorithms (DSA), Database Management System (DBMS)

Framework, Libraries and Tools:

Bootstrap, Tailwind, React, Node.js, IntelliJ, Postman, VSCode, Github

Devops

Scrum, Agile, Extreme Programming

Publications

- Pande, A., Patil, R., Mukkemwar, R., Panchal, R., & Bhoite, S. (2024). *Comprehensive Study of Google Gemini and Text Generating Models: Understanding Capabilities and Performance*. GRENZE International Journal of Engineering and Technology, 10(2), 856-863. Grenze ID: 01.GIJET.10.2.535_1.

Certifications

1. The Complete 2023 Web Development Bootcamp, Udemy
2. Computational Physics: Scientific Programming with Python, Udemy
3. Learning Java Program: Beginner to Master by Abdul Bari, Udemy

Education

Master in Computer Application (MCA), Dr. Vishwanath Karad MIT World Peace University	Aug 2023 – Jun 2025
Bachelor's in science (B.Sc.), MES Abasaheb Garware College	Aug 2020 – Jun 2023
Higher Secondary Certificate (HSC), PVG Muktangan English Medium and Jr. College	Jul 2018 – Apr 2020
Secondary School Certificate (SSC), Sinhgad Spring Dale Public School	Jun 2018 – Apr 2019

Interests

Motorbike Rides | Trekking | Working Out | Watching F1 | E-Games

Language

Marathi | English | Hindi | French | Japanese