Tarun Patil

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LinkedIn: tarun-patil | GitHub: tarunpatil01 | LeetCode: tarunpatil01 | Portfolio

Skills:

Technical Skills:

- **Programming Languages**: C++(Advanced), Python, Java, JavaScript.
- **Frontend**: HTML5, CSS3 (Tailwind CSS), React.js, Next.js.
- **Backend**: Node.js, Express.js, REST APIs.
- **Databases:** MongoDB.
- **Cloud & DevOps:** Amazon Web Services (AWS), Git, GitHub
- **Other Technologies:** Razorpay Payment Integration, Pygame
- **Computer Science Concepts**: Data Structures & Algorithms, OOP (Object-Oriented Programming), DBMS (Database Management Systems), Networking, Operating Systems, Debugging, Data Engineering, Data analytics, Cybersecurity,
- **Additional Skills**: Video/Photo Editing.

Non-Technical Skills:

- Teamwork, Graphic Design.

Technical Projects

Smart Health Record System With Speech Input

Technologies: React, MongoDB, NLP | Website | GitHub
- Developed a full-stack website for doctors and patients to manage health data and appointments
- Integrated an AI ChatBot for patient guidance, improving user experience by 40%
- Implemented voice-to-text functionality for prescriptions, reducing data entry time by 50%
- Utilized React for frontend and MongoDB for efficient data management

Get-Me-A-Chai (E-Commerce Platform)

Technologies: Next.js, Razorpay API, Authentication Integrations | GitHub
- Built a full-stack e-commerce website with secure Razorpay payment gateway integration
- Implemented user authentication features, increasing site security by 30%
- Utilized Next.js for server-side rendering, improving page load times by 25%

Pass-OP Password Manager

Technologies: React, MongoDB | Website | GitHub | LinkedIn
- Created an interactive password manager that securely stores user passwords
- Implemented end-to-end encryption, ensuring data security for all stored passwords
- Designed an intuitive React UI, resulting in a 95% user satisfaction rate

Melodfy Music Player

Technologies: HTML, CSS, JavaScript | Website | GitHub | LinkedIn
- Developed a responsive music player with features like play, pause, next, previous, and volume control
- Designed a mobile-friendly interface, increasing mobile user engagement by 60%
- Implemented cross-browser compatibility, ensuring consistent performance across different platforms

Education

- **Vishwakarma Institute of Information Technology (VIIT), Pune**
  Bachelor of Technology (B.Tech) in Information Technology
  1st Year C.G.P.A.: 8.32 | **2nd Year C.G.P.A.**: 7.86

- **Maharishi College, Amravati**
  Senior Secondary (Class XII) | 2020 – 2022
  Percentage: 86.00%
  Achievements: Ranked in the top 15% of the class

- **Maharishi Public School, Amravati**
  Higher Secondary (Class X) | 2019 – 2020
  Percentage: 87.00%
  Achievements: Ranked in the top 5% of the class

Volunteering/Extra-curricular activity

Design Head, Student Empowerment Cell (SEC)

Vishwakarma Institute of Information Technology (VIIT), Pune

- Led and managed the design team in a club focused on improving student aptitude and personality development
- Collaborated with team members on various projects, coordinating and enhancing skills in teamwork and project management
- Developed and implemented creative design solutions for club events and promotional materials
- Mentored junior members in design principles and software tools, improving overall team productivity

Certificates

- **Data Engineering Virtual Internship -** AICTE, Edu Skills (April-June 2024)
  - Completed a 10-week virtual internship focusing on data engineering concepts, tools, and practical implementation.
  - Enhancing skills in data processing and analysis

- **Introduction to cybersecurity and cybersecurity Essentials -** Cisco Networking Academy (May 2024)
  - Covered fundamentals of cybersecurity, including threat detection, prevention strategies, and security protocols.
  - Completed hands-on labs simulating real-world cybersecurity scenarios

- **CCNAv7: Introduction to Networks, Switching, Routing, Wireless Essentials, Enterprise Networking, Security, and Automation -** Cisco Networking Academy (June 2024)
  - Gained comprehensive knowledge of networking concepts, protocols, and technologies
  - Developed skills in configuring and troubleshooting network devices

- **Comprehensive programming in Cpp -** Infosys (July 2023)
  - Completed advanced coursework on C++ programming concepts and problem-solving techniques
  - Implemented complex algorithms and data structures using C++

- **Full-Stack Web Development (MERN) -** Unstop Course (September 2024)
  - Completed comprehensive training in MongoDB, Express.js, React.js, and Node.js
  - Developed and deployed full-stack web applications as part of course projects