

Jyotiraditya Patil

Walchand College of Engineering, Sangli

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Education

Program	Institution/Board	CGPA/%	Year
B.Tech (Computer Science)	Walchand College of Engineering, Sangli	8.26/10	2021-2025
HSC (12th Science)	Jawahar Navodaya Vidyalaya Kagal, Kolhapur	91%	2019-2020

Experience

Developerstar (IEEE Bombay Section X Alhansat Solutions) | Svelte, Tailwind [🔗 Link](#)

- Worked on a Website that contains more than 50+ Comprehensive different developer tool kits.
- Constructed an intuitive 'Excel to PDF' converter leveraging pptxgenjs and 'Xlxs libraries.
- Created another tool 'PPT to PDF' conversion using pptxgenjs and pdfMake libraries.

Key Projects

Intrepid | React.js, Node.js, MongoDB, Multer, Socket.io, Zustand, shadcn/ui [🔗 Link](#)

- A full-stack chat application made by the MERN stack.
- Built a responsive and intuitive interface using shadcn components with the dark color theme.
- Implemented authentication and authorization using JsonWebTokens.
- Leveraged Socket.io for seamless real-time chat functionality and Zustand for efficient state management.
- Integrated Multer for secure file uploads and storage.

SafeGaurd | React.js, Node.js, Machine Learning, Python, Docker [🔗 Link](#)

- Launched a user-friendly React.js platform designed specifically to address spam issues.
- Implemented **DNN and SMOTE Algorithm**: Analyzed 14,000 text messages for fraud using Hugging Face data with an accuracy of 97.2%.
- Created **Disposable Browser**: Users can open harmful links within a virtual browser environment which will be accessible for 10 minutes. ([Docker Image: jlesage/firefox](#)).
- Developed **Command-Based Bots**: Enhanced user interaction on Discord and Telegram.

Metamorphosis | React.js, React-three-fiber/drie, 3js, Node.js, MongoDB [🔗 Link](#)

- **Built 3D Landing Page**: An eye-catching event registration page using React-three-fiber.
- **Optimized 3D Models**: Reduced loading latency to ensure a smooth user experience.
- **Robust Backend**: Ensured accurate registration data and reliable rank lists for participants in the [docker competition](#).

Technical Skills

- **Course Work**: DSA, OOP, CN, OS
- **Programming Languages**: C++, Python
- **Library/Frameworks**: ReactJs, Node.Js, Express.Js, Svelte, React-Three-Fiber/Drie
- **Tools/Platforms**: Linux, Docker
- **Databases**: MySQL, MongoDB

Position of Responsibility

Chairperson | IEEE WCE Student Branch (May 2023-Jan 2024)

- Hosted the Asia Summit of IEEE named 'SMELT 4.3'.
- Participated in IEEEExtreme 17.O Global Competitive contest.

Program Director | Walchand Linux Users' Group (Oct 2022- Present)

- Presented in the 'LinuxDiary 4.0' event a 2-day Workshop in August 2023, focusing on Linux.
- Led 'Metamorphosis' a 2-day megaevent highlighting GoLang and Docker.

Achievements and Coding Profiles

- **WCE ACM Hackathon Winner**
- **Linux Diary 3.0 Runner up.**
- **1st in Codewar CP contest in JJMCOE**
- **Global Rank 87** in Starters 130 on CodeChef
- **Chess Regional**
- **LeetCode**: Highest Rating (1915, 900+ Problems)
- **CodeChef**: Highest Rating (1773, 3 Stars)
- **Codeforces**: Highest Rating (1410, Specialist)