Jay Amol Wani

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EDUCATION

KIT's College of Engineering   Kolhapur, MH, India
Bachelor of Technology in Computer Science and Business Systems   9.04 SGPA — 2027

EXPERIENCE

Co-Head (Technical Department) | *CABSSA, KITCoEK*   *Jan 2024 — Present*
- Led technical operations, workshops, and mentoring initiatives for the Computer Science and Business Systems Student Association.
- Organized hands-on sessions and coordinated hackathons for 100+ participants.

Website & Technical Associate | *E-Cell KITCoEK*   *Sept 2024 — Present*
- Started as Direct Associate and contributed to the development and maintenance of E-Cell and WEC event websites using Wix.
- Implemented registration systems, task update modules, and improved UX for event management.

Event Lead, Western Entrepreneurship Challenge | *KITCoEK*   *Mar 2025*
- Managed an inter-college event with 50+ teams and a 1.5 Lakh prize pool.
- Designed and implemented a 4-phase competition structure with automated point tracking.

Event Head, 10x Pitch — E-Summit 25 | *E-Cell KITCoEK*   *Mar 2025*
- Led end-to-end planning and execution of the startup pitching event during E-Summit 25.
- Ensured funding worth 60K and 30K was awarded to two promising startups.
- Handled all event logistics, flow design, and team coordination as Event and Technical Head.
- Managed technical infrastructure including software, hardware, presentations, and live support.

Technical Head, IPL Auction — E-Summit 25 | *E-Cell KITCoEK*   *Jan 2025*
- Oversaw technical setup and execution of the IPL Auction simulation event using Specauc software.
- Monitored all hardware/software dependencies to ensure a smooth participant and audience experience.
- Contributed to real-time event coordination and troubleshooting during the live auction process.

NEC Finalist | *National Entrepreneurship Challenge, IIT Bombay*   *Feb 2025*
- Ranked 4th among intercollege teams nationwide.
- Selected as one of the top 5 E-Cell KITCoEK students to represent the institution in finals.
- Planned and budgeted events worth 12.5 Lakhs including expos, contests, and investor sessions.

Software Developer Intern | *Austere Systems Pvt. Ltd. (Online Internship)*   *Jun 2024 — Aug 2024*
- Contributed to full-stack development projects and collaborated remotely with senior developers.
- Gained practical experience in project planning, backend development, and API integration.

Software Developer Intern | *Immortal Tech Software Solutions, Jalgaon*   *June 2025 — July 2025*
- Completed a 1-month software development internship focused on full-stack application development.
- Contributed to frontend module integration and backend API development in an agile environment.
- Gained practical experience in real-world project structuring, debugging, and collaborative deployment workflows.

PROJECTS

Project ETA — Real-time Collaborative IDE   *Jan 2025 – Apr 2025*
- Developed a full-stack collaborative coding platform enabling multiple users to edit code in real-time using **React, Socket.IO, and Monaco Editor**.
- Integrated **GenAI features (GPT API)** for auto-suggestions and problem-solving hints directly inside the editor.
- Implemented secure login and session management using **JWT** and **Clerk**, ensuring isolated user sessions.
- Used **Redis** for caching user sessions and room states, improving performance in multi-user environments.
- Integrated **Mermaid.js** for dynamic flowchart generation from markdown-like syntax, enhancing visual understanding.
- Won **1st Prize in Project-Based Learning (PBL)** competition among 30+ projects.

KPI Dashboard – Business Intelligence App   *Aug 2024 — Dec 2024*
- Built a modern KPI dashboard using **React, Redux Toolkit, and MongoDB** to help track sales, inventory, and customer behavior.
- Designed schema-driven MongoDB collections and backend API endpoints using **Express.js**.
- Applied **linear regression** on historical sales data to predict future revenue.
- Implemented interactive data visualizations using **Recharts** and **Material UI**.
- Deployed full stack on **Fly.io**, integrated role-based admin dashboard.

WEC Event Website – Automated Task Tracker   *Feb 2025 — Apr 2025*
- Created a task management and leaderboard system for 50+ student participants using **Wix with custom JavaScript extensions**.
- Automated certificate generation and task tracking with **Google Apps Script + AutoCrat** integration.
- Enabled secure participant logins with access-level-based dashboards. Reduced manual work by over 80%.

CodeRaiders – Gamified Codethon Platform   *Mar 2025 — Present*
- Designed a themed codethon platform featuring event registration, payments, and result tracking using **React + Firebase**.
- Integrated **Razorpay API** for secure and verified online payments.
- Used **Firestore** to store contestant data and implemented dynamic timers and real-time event progress updates.
- Added **email notifications** (welcome, updates, result alerts) using Firebase functions.

TECHNICAL SKILLS

Languages: Java, Python, C, C++, TypeScript, JavaScript, SQL, HTML/CSS, R
Frameworks: React, Node.js, Express, Tailwind, Vite, Material UI
Developer Tools: Git, GitHub, Vercel, Fly.io, Firebase, Redis, JWT, Clerk, Wix, Morgan
Libraries: pandas, NumPy, Matplotlib, Redux Toolkit, Recharts, Framer Motion, Socket.IO, Mermaid.js, Monaco Editor

CERTIFICATIONS & ACHIEVEMENTS

- NPTEL Certification: **Artificial Intelligence – Search Methods for Problem Solving**
- **4th Rank Finalist** in **NEC – National Entrepreneurship Challenge**, IIT Bombay
- **1st Prize** in Semester 4 **Project-Based Learning (PBL)** for Project ETA
- **3 AWS Educate batches can be checked at https://www.credly.com/users/jay-wani**