

# Akash Vishwakarma

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## Professional Summary

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Frontend-focused Full Stack Developer with 3+ years of experience (July 2022 – Present) in building enterprise-grade, real-time web applications. Strong expertise in React.js, JavaScript (ES6+), Material UI, Redux, and Context API. Hands-on experience with WebSocket-based real-time dashboards, REST API integration, JWT authentication, and role-based access control (RBAC). Working-level backend experience in Node.js and Express.js with PostgreSQL and MongoDB. Focused on clean code, UI performance optimization, scalability, and maintainability.

## Skills

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- Frontend: React.js, JavaScript (ES6+), HTML5, CSS3, Material UI, Redux, Context API
- Backend (Working Level): Node.js, Express.js, REST APIs, JWT Authentication, MongoDB, PostgreSQL
- Real-Time: WebSocket, WebRTC
- Tools: Git, GitHub, Postman, Jenkins, Docker (Basic)
- Soft Skills: Problem Solving, Debugging, Performance Optimization, Clean Code Practices, Team Collaboration

## Education

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| <b>Dr. Rammanohar Lohia Avadh University, Ayodhya</b> , MCA Applications | Aug 2020 – July 2022 |
| • Percentage: 72%  |                      |
| <b>Dr. Rammanohar Lohia Avadh University, Ayodhya</b> , BCA Applications | Aug 2017 – Jul 2020  |
| • Percentage: 60%  |                      |

## Experience

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| <b>Software Engineer</b> , Coral Telecom Ltd - Noida, Uttar Pradesh  | July 2022 – Present |
| <ul style="list-style-type: none"><li>• Led end-to-end delivery of enterprise-scale web applications deployed in production environments.</li><li>• Implemented event-driven dashboards and communication workflows for high-availability systems.</li><li>• Optimized component rendering and state management to improve UI performance and stability.</li><li>• Developed reusable and maintainable UI components aligned with scalable frontend architecture.</li><li>• Delivered event-driven dashboards and communication workflows for high-availability systems.</li><li>• Collaborated with backend, QA, and product teams to deliver mission-critical solutions.</li></ul> |                     |

## Projects

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| <b>Dispatcher Console (Mission-Critical System)</b>   | Jul 2022 - Dec 2023 |
| <b>Description:</b> A mission-critical, web-based dispatcher console designed for real-time monitoring and communication with MCX/PTT field users from a centralized dashboard.   |                     |
| <ul style="list-style-type: none"><li>• Built a mission-critical dispatcher console for centralized coordination with field users.</li><li>• Implemented live location tracking, route history visualization, and emergency alert workflows.</li><li>• Enabled one-to-one audio/video communication and push-to-talk features.</li><li>• Designed permission-based remote camera access with audit logging.</li></ul> |                     |
| <b>Real-Time Conference System (BEL Client)</b>   | Jul 2022 - Sep 2023 |
| <b>Description:</b> A browser-based audio/video conferencing platform supporting  |                     |

scheduled and live meetings, with Moderator and Participant roles for enterprise communication.

- Built a browser-based conferencing platform supporting scheduled and live meetings.
- Designed role-based moderator controls for enterprise collaboration scenarios.
- Enabled real-time audio/video communication, chat, notifications, and session tracking.
- Integrated fax and voicemail capabilities for enterprise communication requirements.

### **Unified Communication System**

July 2023 – Ongoing

**Description:** A browser-based audio/video conferencing platform supporting Hard Phone and Soft Phone calling, real-time call monitoring, call history management, Fax, and Voicemail, with WebSocket-driven live updates.

- Engineered an enterprise unified communication platform supporting hard phone and soft phone calling.
- Designed click-to-call, group calling, broadcast messaging, and voicemail workflows.
- Developed operational dashboards for tracking call states, history, and usage analytics.
- Ensured real-time updates without page refresh to improve operational efficiency.