ABHAY TIWARI

Full Stack Developer | AI & Video Editing Specialist

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PROFESSIONAL SUMMARY

AI-driven Full Stack Developer with 1 year of professional experience at RamWebSolution and 4 months at CoreMentors Pvt. Ltd., specializing in building modern, responsive web applications and automating workflows using cutting-edge AI tools. Expert in leveraging GitHub Copilot, Cursor, Claude, and Gemini to accelerate development cycles and solve complex problems. Passionate about creating clean, intuitive UI/UX designs, building scalable backend architectures with Node.js and React, and utilizing AI to enhance productivity across the full product lifecycle. Committed to continuous learning and staying updated with the latest technologies in web development and digital content creation.

WORK EXPERIENCE

Full Stack Developer

RamWebSolution | *2024 – Present*

- Developed responsive, production-ready web applications using React.js, Node.js, Express, and MySQL
- Designed and implemented REST APIs with proper authentication systems, JWT tokens, and role-based access control
- Built admin dashboards and user-facing interfaces with real-time data updates and smooth user interactions
- Integrated third-party APIs for payment gateways, email services, and external data sources
- Leveraged AI tools (GitHub Copilot, Cursor, Claude, Gemini) to streamline development, debug efficiently, and optimize code quality
- Collaborated with clients to gather requirements, provide technical solutions, and deliver scalable web solutions
- Implemented database optimization techniques and query performance monitoring
- Conducted code reviews and contributed to team knowledge sharing sessions

Full Stack Developer Intern

CoreMentors Pvt. Ltd. | *4 months (2023–2024)*

- Developed frontend features and components using React.js and modern JavaScript practices
- Identified, documented, and fixed bugs in existing applications
- Improved user interface design and implemented UI/UX best practices
- Assisted in building and testing backend APIs using Node.js and Express.js
- Worked with MySQL databases to design schemas and optimize queries
- Participated in code reviews with senior developers to learn best practices
- Contributed to technical documentation and maintained project wikis
- Collaborated with the development team on sprint-based projects

EDUCATION

Bachelor of Computer Applications (BCA)
Sarvoday Vidhyapith Intermediate College | Graduated: 2022

- Completed coursework in Data Structures, Web Technologies, Database Management, and Software Engineering
- Participated in technical workshops and college-level project competitions

TECHNICAL SKILLS

Frontend Development

- **Technologies**: React.js, HTML5, CSS3, JavaScript (ES6+), Responsive Web Design
- **Libraries & Frameworks**: Bootstrap, Material UI, Tailwind CSS
- **UI/UX**: Component-based architecture, State management, Form validation, Accessibility standards

Backend Development

- **Runtime & Frameworks**: Node.js, Express.js
- **API Development**: REST API design and implementation, API documentation, Error handling
- **Authentication & Security**: JWT authentication, Role-based access control, Password hashing
- **Real-time Features**: WebSocket integration, Real-time notifications

Database Management

- **Relational Database**: MySQL, Database design, Query optimization, Indexing
- **Schema Design**: Normalization, Entity-Relationship diagrams, Data modeling

Tools & Technologies

- **Version Control**: Git, GitHub, Branch management, Pull request workflows
- **Code Editors**: VS Code (Primary), Cursor (AI-powered development)
- **AI Tools & Assistants**: GitHub Copilot, Claude API, Gemini, ChatGPT for code generation and optimization
- **Development Environments**: Local development servers, Postman for API testing, Browser DevTools

Soft Skills

- Strong problem-solving and debugging abilities
- Code optimization and performance tuning
- Clear communication and team collaboration
- Adaptability to new technologies and frameworks
- Time management and deadline adherence
- Mentorship and knowledge sharing

PROJECTS

Auction Hub – Blue Service Technology

Project Type: Online Auction & Bidding Platform
Duration: Full-stack development project
Team Size: Individual contributor

Overview: A fully functional online auction platform that enables users to create auctions, place bids in real-time, and manage their listings with a comprehensive admin dashboard.

Technologies Used:

- Frontend: React.js, HTML5, CSS3, JavaScript
- Backend: Node.js, Express.js
- Database: MySQL
- APIs: RESTful APIs with JWT authentication

Key Features Implemented:

- User authentication and registration with secure password management
- Real-time bidding system with bid history tracking
- Product listing creation with image uploads and detailed descriptions
- User profile management and bid history
- Admin dashboard for managing auctions, users, and platform statistics
- Category management for organizing products
- Email notifications for bid updates and auction status
- Responsive design for desktop and mobile devices
- Search and filter functionality

Challenges Solved:

- Implemented real-time bid updates using WebSockets
- Optimized database queries for handling high-volume bidding

- Created secure authentication flow with JWT tokens
- Designed efficient state management in React

GitHub Repository: github.com/abhayd95
Live Demo: Available upon request

ADDITIONAL SKILLS & EXPERTISE

Video Editing & Content Creation

- **Tools**: Adobe Premiere Pro, After Effects
- **AI Video Tools**: RunwayML, AI-powered video generation and editing
- **Skills**: Video montage creation, Color grading, Motion graphics, Audio editing, Effects and transitions

AI Tool Proficiency

- Expert-level usage of GitHub Copilot for code generation and optimization
- Advanced usage of Cursor IDE for AI-assisted development
- Proficient with Claude API and Gemini for creative problem-solving
- Experience in prompt engineering for AI tool optimization

Web Design & Prototyping

- UI/UX principles and best practices
- Responsive and mobile-first design
- Wireframing and prototyping
- Cross-browser compatibility testing

Cybersecurity Awareness

- Basic understanding of secure coding practices
- OWASP top 10 vulnerabilities
- Password security and data protection
- SQL injection prevention and input validation

CERTIFICATIONS & CONTINUOUS LEARNING

- **Self-taught Full Stack Developer**: Completed comprehensive online courses and tutorials
- **Hands-on Experience**: Real-world projects with modern web development frameworks
- **Active Learner**: Continuously exploring new technologies, frameworks, and best practices in web development
- **GitHub Contributions**: Active open-source contributor and code collaborator

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PROFESSIONAL INTERESTS

- Building scalable and maintainable web applications
- Exploring emerging technologies and frameworks
- Leveraging AI tools to enhance development productivity
- Digital content creation and video editing
- Cybersecurity and secure coding practices
- Mentoring junior developers and knowledge sharing
- Contributing to open-source projects

ABOUT ME

Passionate and dedicated Full Stack Developer with a strong foundation in modern web technologies and a keen interest in artificial intelligence and automation. Known for quick learning ability, strong work ethic, and collaborative approach to problem-solving. Enthusiastic about leveraging AI tools like Cursor, GitHub Copilot, and Claude to build innovative solutions faster and more efficiently. When not coding, I enjoy creating digital content through video editing and exploring new tech developments. Always eager to take on new challenges and contribute meaningfully to team projects.

Last Updated: December 2025
Status: Open to opportunities in Full Stack Development, Remote Work, and Growth-Oriented Companies