

Nirmal Kukna

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PERSONAL STATEMENT

Experienced Full-Stack Developer with expertise in building scalable web applications and integrating AI solutions. Proficient in utilizing a wide range of modern frameworks, technologies, and cloud services to design and implement robust, high-performance solutions. Proven ability to lead cross-functional teams in Agile environments, optimize development workflows, and deliver impactful results.

EDUCATION

Poornima Institute of Engineering and Technology | Jaipur, Rajasthan
Bachelor of Technology in Computer Science & Engineering

2016-2020

RELEVANT EXPERIENCE

Celebal Technologies | Jaipur, Rajasthan

Mar 2022 - Present

Consultant

- Developed and maintained full-stack web applications using React.js, Next.js, Node.js, and various CSS frameworks for seamless frontend and backend integration.
- Integrated cloud and AI services, including machine learning features, to optimize performance and enhance user experience through data-driven capabilities.
- Led agile development workflows, utilizing Azure DevOps for sprint planning, task prioritization, and cross-functional team collaboration to ensure timely and high-quality project delivery.

Phoenix Advanced Softwares Pvt. Ltd. | Jaipur, Rajasthan

Dec 2020 – Feb 2022

Software Developer

- Led full-stack development using PHP, MySQL, Firebase, React.js, Node.js, and CSS frameworks to create and maintain dynamic, scalable web applications.
- Managed cloud services and email server integrations to ensure seamless operation of applications.
- Coordinated with cross-functional teams as a technical lead, ensuring the effective design and implementation of features, while maintaining high standards of performance and user experience.

DianApps Pvt. Ltd. | Jaipur, Rajasthan

Dec 2019 – Jun 2020

Software Developer

- Developed and maintained full-stack web applications using Vue.js, Quasar, Laravel, WordPress, and Tailwind, ensuring responsive and scalable solutions.
- Optimized application performance by identifying and resolving bottlenecks in both frontend and backend processes.
- Contributed to the development of an airplane fuel system project, focusing on system integration, optimization, and real-time data processing.

TECHNICAL PROJECTS

Advanced Knowledge Mining System | Senior Frontend Developer

Description: Leveraged React.js, Redux, Azure services, Socket.io, and Node.js to develop an Advanced Knowledge Mining Search Engine, designed to efficiently retrieve and display answers from user-inputted data, streamlining access to essential information.

Roles and Responsibilities:

- Built responsive and intuitive frontend components using React.js and Bootstrap, delivering a visually engaging and seamless user experience for the Knowledge Mining System.
- Integrated dynamic data visualization and processing features to support diverse file types, including PDFs, Word documents, Excel sheets, PowerPoint presentations, videos, audios, and images.
- Incorporated Azure Speech Cognitive Services to enable real-time speech-to-text capabilities, enhancing accessibility by allowing users to interact with the system through voice commands.
- Collaborated with backend teams to implement advanced entity recognition, summarization, and question-answering capabilities powered by Azure OpenAI and Natural Language Processing (NLP) techniques.
- Architected a multi-level admin hierarchy within the frontend interface, enabling structured and efficient management for different user roles.

- Utilized Node.js for handling real-time Q&A functionalities, ensuring efficient data exchange between the client and Azure Bot Service.
- Integrated OAuth-based authentication and Azure Defender, achieving robust security measures for data protection and ensuring a 99.9% system uptime.
- Applied Azure DevOps for CI/CD pipelines, automating code integration, and deployment, which streamlined updates, improved code quality, and reduced release cycles.

Customizable GPT Creation and Training Platform with BRD Generation | Senior Frontend Developer

Description: Built a user-focused platform for creating, training, and customizing GPT models, enabling tailored Q&A, instruction-setting, and BRD (Business Requirement Document) generation. The platform supports seamless collaboration, group sharing, bookmarking, and conversation history, enhancing productivity and accessibility for users.

Roles and Responsibilities:

- Developed responsive and user-friendly frontend components with React.js, Redux, and MUI, providing an intuitive interface for creating and managing custom GPT models.
- Designed interfaces that allow users to set custom instructions and conduct Q&A sessions based on uploaded documents, improving model relevance to individual needs.
- Built a BRD generation feature, enabling users to automatically create detailed Business Requirement Documents based on provided specifications, enhancing productivity in documentation.
- Implemented bookmarking functionality for easy access and organization of custom GPT instances, facilitating efficient model usage and retrieval.
- Developed secure group-sharing capabilities, allowing users to share custom GPT models with selected groups, supporting collaborative tasks and information sharing.
- Integrated Azure OpenAI and Azure Cognitive Services to enhance language processing and generate accurate responses for Q&A and BRD generation.

Dynamic Car Website with Comprehensive Content and Admin Management System | Full Stack Developer

Description: Developed a dynamic car website featuring detailed car model information, latest news, reviews, videos, car comparison tools, EMI and fuel calculators, all integrated within a user-friendly interface. Implemented a comprehensive admin management system that allows administrators to easily update car details and manage all aspects of the website. The platform utilized PHP, MySQL, React.js, MUI, Bootstrap, Socket.io, and Azure to deliver a seamless experience for users and admins alike.

Roles and Responsibilities:

- Developed the frontend using React.js, MUI, and Bootstrap, ensuring a responsive and intuitive interface for displaying car models, news, reviews, videos, and comparison tools.
- Built and managed the backend using PHP and MySQL, ensuring efficient data retrieval and smooth communication between the frontend and the database.
- Designed and implemented car model detail pages that showcase essential information such as specifications, pricing, and reviews, with real-time updates.
- Developed an admin management system to allow administrators to update car details, manage content (news, reviews, videos), and monitor user activity from a centralized dashboard.
- Integrated Azure services for cloud storage, hosting, and scalability, ensuring high availability and performance for the website.
- Worked on optimizing website performance and responsiveness, ensuring smooth user interactions across all devices and browsers.
- Applied best practices in UX/UI design to create a professional, engaging, and intuitive user experience, improving user satisfaction and engagement.

SKILLS & CERTIFICATIONS

- **Programming Languages & Databases:** JavaScript, PHP, HTML, CSS, MySQL, MongoDB
- **Frameworks and Libraries:** React.js, Tailwind CSS, MUI, Vue.js, Next.js, Quasar, jQuery, Node.js, Classic ASP, Firebase, Express.js, WordPress, Angular
- **Tools and Technologies:** Git, Azure DevOps, Azure App Service, Azure Functions, Azure Cosmos, Azure Kubernetes, Azure OpenAI, Cognitive Services
- **Certifications:** Microsoft Azure AZ-900, Hackerrank Node.js, Simplilearn Angular