DEEPANSHU PANDEY

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PROFESSIONAL SUMMARY

Results-driven Software Engineer with hands-on experience in full-stack development through internships in web and MERN stack environments. Proficient in React.js, Node.js, MongoDB, MySQL, and Python with experience building RESTful APIs, implementing authentication systems, and optimizing application performance. Strong foundation in data structures, software development principles, and Git-based collaboration. Eager to contribute technical expertise to deliver scalable and high-quality software solutions.

TECHNICAL SKILLS

- **Languages**: Python, JavaScript, Java, C, C++
- **Frontend**: HTML5, CSS3, React.js
- **Backend**: Node.js, Express.js
- **Database**: MongoDB, MySQL
- **Tools**: Git, GitHub, MS Excel

PROFESSIONAL EXPERIENCE

Space Window   **Aug 2024 - Oct 2024**
Web Developer Intern
- Developed responsive web applications using HTML, CSS, JavaScript, and React.js, delivering a seamless user experience across devices
- Designed and implemented reusable UI components in React.js, which improved code consistency, simplified future updates, and reduced overall development time by 20%.
- Integrated REST APIs using Express.js and MySQL, enabling real-time data updates and improving application interactivity
- Optimized front-end performance with Chrome DevTools and code-splitting techniques, improving load speed by 15%

SpartanBots Technologies   **Oct 2024 - Jan 2025**
MERN Stack Developer Intern
- Built full-stack web applications with MongoDB, Express.js, React.js, and Node.js, delivering functional prototypes that the product team used for early testing
- Developed RESTful APIs in Node/Express that handled authentication and CRUD operations, allowing the front-end to retrieve and modify data reliably
- Optimized MongoDB queries improving data retrieval efficiency by 25%.
- Implemented JWT-based authentication and role-based access control in the Node backend, securing endpoints for multiple user roles
- Managed version control with Git and GitHub following an Agile workflow, establishing a branching strategy that streamlined team collaboration

PROJECTS

Chatbot Application
- Developed chatbot using Python and basic NLP techniques for automated interaction.
- Implemented structured conversational logic handling 50+ queries.

Music Web Application
- Designed and built responsive music platform using React.js and JavaScript.
- Implemented dynamic UI components and integrated database operations.

EDUCATION

Uttarakhand Technical University   **2020 - 2024**
B.Tech, Computer Science Engineering