

AMAN KUMAR KURMI

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SUMMARY

Accomplished Full Stack Developer with a Diploma in Advanced Computing. Proficient in both back-end and front-end technologies for creating comprehensive web applications. Achieved an ALL INDIA RANK of 455 in the C-CAT examination, securing a spot at the esteemed Sunbeam Institute, Pune. Dedicated to delivering high-quality code and innovative solutions

EXPERIENCE

Full Stack Developer - Lithium India

- **Ads Management System:** Designed and developed an intelligent ad management system that dynamically allocates ads across 100+ publishers' websites based on user data (e.g., public IP address) ensuring optimized ad display by selectively showcasing ads to target audiences. Automated decision-making to manage ad distribution for publishers with multiple ads.

PROJECTS

1. PeakAutomotives: Online car service station It's a Full Stack web application based on a 3-tier architecture featuring a modern tech stack: ReactJS for the presentation layer, Spring Boot for the logic layer, and MySQL for the data layer. Enables users to effortlessly search for service stations in their city, book car services with convenient pickup and drop options, and purchase spare parts if needed.

- In this project, I implemented JWT for secure authentication and authorization, while leveraging Razorpay API for seamless payment processing. Integrated SMTP protocol to send OTP via email, and used BCryptPasswordEncoder for password encryption. Applied thorough validations at both frontend and backend during registration. Applied SOLID Principle for creating this project. The application includes over 50 REST APIs for comprehensive functionality.

2. Quiz Application: Developed a dynamic quiz application using MERN Technology. Integrated JWT for secure authentication and bcrypt for password encryption. Implemented user authentication and data protection features to enhance security. Optimized application performance and user experience through efficient API handling and responsive design.

3. MERN Project: Designed a secure MERN stack application and styled with Bootstrap CSS for a modern, responsive design with an admin portal supporting full CRUD operations. Integrated JWT and Bcrypt for password encryption. Applied comprehensive input validation on both frontend and backend for data integrity.

LINKS

Quiz Application Website- <https://quiz-application-zeta-amber.vercel.app/>

PeakAutomotive: https://drive.google.com/file/d/1wi_kP8Y6Kk2XRnDMBzd5vTDkO-OWuiU/view?usp=sharing

Abstract MySQL- MERN Project: <https://gitlab.com/myupload/abstractmysql>

MERN Project- Gitlab Link: https://gitlab.com/myupload/mern_project

Currency converter- React mini project: https://gitlab.com/myupload/currency_converter

SKILLS

Tech stack JavaScript, Java, MySQL, PostgreSQL, C, HTML, CSS, Bootstrap
Springboot, ReactJS, Node.js, Express.js, Asp.net, Git

EDUCATION

PG-Diploma in Advanced Computing: Sunbeam Institute of Information Technology, Pune

Bachelor of Engineering: Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal