Sandeep Sharma *Software Development Engineer*

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📇 PROFILE

- Experienced in full-stack development with 2.5+ years of expertise in building scalable web solutions using modern technologies. Strong proficiency in both frontend and backend development, optimizing systems for performance and security. Adept at managing teams during transitions, ensuring seamless project continuity. Passionate about innovation, quick to adapt to new tools, and committed to delivering high-quality, impactful solutions in collaborative and dynamic environments.

🎓 TECHNICAL SKILLS

Languages (HTML, CSS, JavaScript, Java 8, Python) │ **Frameworks/Libraries:** (React.js, Redux, Node.js, Express.js, Angular, Material UI, Bootstrap, Java Collections Framework, AWS(EC2, S3)) │ **Tools:** (Git, GitHub, Bitbucket, Jira, Postman, VS Code, IntelliJ, Studio 3T) │ **Databases:** (MongoDB, MySQL) │ **Others:** (JWT, Redis, Mongoose, System Design, CI/CD(Jenkins), Bcrypt)

🎓 EDUCATION

Mangalayatan University, *(Master of Computer Applications), Aligarh (U.P.) India* 🔗   07/2023 – Present

Veer Bahadur Singh Purvanchal University, *(Bachelor of Science), Jaunpur (U.P.) India*   07/2018 – 12/2022

💼 PROFESSIONAL EXPERIENCE

Software Development Engineer, *Decorpot (05/2023 - Present)* 🔗
- **Data-Driven Dashboards:** Designed and developed user-specific dashboards for sales, design, and operations teams, enabling data-driven decision-making and **automating custom workflows**, resulting in a 30% boost in team productivity.
- **AWS Deployment & Maintenance:** Deployed and managed applications on **AWS EC2 and S3**, ensuring high availability, scalability, and data integrity while optimizing cloud infrastructure for cost efficiency.
- **API Performance Optimization:** Implemented real-time database monitoring using **MongoDB Change Streams** and optimized **RESTful APIs** by integrating **Redis caching**, leading to **50% faster response times** and a **smoother user experience**.
- **CRM & ERP System Automation:** Integrated **UPI payments, CashFree, PineLabs**, and automated payment notifications. Also, streamlined **HDFC report processing** using cron jobs, reducing manual processing time by **30%** and improving operational efficiency.
- **Frontend Development:** Developed **dynamic, responsive web interfaces** using **React.js, Material UI, and Ant Design**, significantly **enhancing user engagement and experience** while ensuring high performance and accessibility.
- **Security Enhancements:** Implemented **advanced role-based and user-based access control**, ensuring **only authorized users** could access sensitive features, **enhancing system security and compliance**.
- **Material Tracking System:** Designed and developed a **comprehensive material tracking system**, integrating **frontend UI and backend services** to streamline **inventory management and operational workflows**, increasing **overall efficiency**.
- **Material Management & Payments:** Created a streamlined process for receiving materials into the factory, including **GRN generation**. Set up a system for returning defective materials and automated **vendor payment approvals**, making financial transactions smoother and more efficient.

📁 PROJECTS

Random Maze Generator Game 🔗
- **Authentication**: Secure user authentication using JWT.
- **Maze Generation**: Dynamic creation of random mazes.
- **Score Tracking**: Storage of player data and scores in MongoDB.
- **Tech Stack**: MERN (MongoDB, Express, React, Node).

Banker Web App 🔗
- **Transaction Hub**: User-friendly transactions, loan requests, and account management.
- **Responsive Design**: Website designed for seamless user experience.
- **Data Handling**: Efficient storage of transaction data with Firebase.
- **Tech Stack**: HTML, CSS, Javascript.

🗂 INTERNSHIP

- Full Stack Web Development (05/2022-04/2023) 🔗
- 1000+ hours of hands-on coding, specializing in Web Development and Data Structures & Algorithms (DSA).