

Purnima Agarwal

Software Engineer

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SUMMARY

Experienced Full Stack Developer with 2+ years of expertise in Python (Django, Django REST Framework) for the backend, React.js for frontend, and data analytics. Skilled in integrating databases (MySQL, Redis) and caching solutions for optimized performance. A strong advocate for Agile methodologies, delivering innovative solutions exceeding expectations.

SKILLS

- **Languages:** Python, JavaScript, Java, Typescript, C++.
- **Databases:** MySQL, MongoDB.
- **Technologies:** Django REST Framework, Reactjs, NodeJS, Bootstrap, Ant Design, JQuery, Tailwind CSS.
- **Tools:** Celery, Redis, Websocket, Redux, Webpack, Babel.
- **Concepts:** OOPs, Agile(Scrum), Git, Visual code, HTTP, Authentication (JWT, Session).
- **Data Analytics and Machine Learning:** Pandas, Numpy, Scikit-Learn, Matplotlib.

WORK EXPERIENCE

Optival Health Solutions (P) Ltd (Medplus), Hyderabad
Associate Software Engineer

June 2022 - Present

- Implemented cost-effective solutions, resulting in a 20% reduction in project expenses. Streamlined project workflows, enhancing overall efficiency by 25%.
- Led a team in successfully delivering a complex engineering project on time and within the allocated budget.
- Managed project timelines, reducing delivery times by 30%.
- Spearheaded the adoption of cutting-edge engineering software, improving project accuracy by 15%.
- Collaborated with cross-functional teams, enhancing project success rates by 10%.
- Coordinated project tasks, ensuring adherence to engineering standards and regulations.
- Conducted comprehensive project analyses, identifying and rectifying discrepancies in engineering designs.

PROJECTS

- **Human Resource Management System** - April 2023 - Present
 - Contributed to the development of a robust HR Management System (HRMS) utilizing React and Django and engaged in full-stack development, implementing features for attendance management, recruitment management, reporting, and more.
 - Data Integrity: Ensured data security and integrity with MySQL database integration.
- **Management Information System** - August 2022 - April 2023
 - Collaborated in building a dynamic MIS powered by React and Django and engaged in full-stack development, crafting functionalities for data analysis, visualization, and reporting.
 - Optimized Operations: Enhanced organizational efficiency through data-driven insights and streamlined processes.

CERTIFICATION

- Google Data Analytics- Google
- Python for Data Science, AI & Development - IBM
- Core and Advanced Java- OgmaTech Lab
- Intro to Machine Learning- Kaggle

EDUCATION

- Pondicherry University, Puducherry, MCA
- Techno India, Kolkata, BCA

October 2020 - July 2022

July 2017 - August 2020