Yash Khandelwal

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EXPERIENCE

Full Stack Developer

Micronic InfoTech Pvt. Limited — Jaipur   *Feb 2025 – Present*

- Developing and maintaining scalable web applications using React.js (frontend) and Golang with GORM + PostgreSQL (backend & database).
- Designing and implementing RESTful APIs with Go (GORM) and integrating them seamlessly with React frontend.
- Building reusable UI components, optimizing React state management, and improving application performance.
- Creating and managing database schemas, migrations, and query optimizations in PostgreSQL.
- Implementing secure authentication and authorization mechanisms (JWT & role-based access).
- Containerizing and deploying applications using Docker, enabling CI/CD and scalable deployments.
- Utilizing Git/GitHub for version control, conducting code reviews, and ensuring clean, maintainable codebase.

EDUCATION

Chandigarh University   Mohali, Punjab
Master of Computer Applications(MCA) in AI & ML   *Aug 2023 – June 2025*

Rajasthan University   Jaipur, Rajasthan
Bachelor Of Computer Applications(BCA)   *Aug 2019 – May 2022*

Maheshwari Sr.Sec.School   Jaipur, Rajasthan
Intermediate   *March 2018*

TECHNICAL SKILLS

- **Programming Languages**: Java, Python, JavaScript, Go
- **Frontend**: React.js, HTML, CSS, JavaScript
- **Backend**: Golang (GORM), Flask
- **Databases**: PostgreSQL, MongoDB, SQL
- **Tools & Deployment**: Docker, Git, GitHub
- **Machine Learning and Deep Learning**: : Scikit-learn, TensorFlow, OpenCV, NLTK, Pandas, NumPy, Matplotlib, Seaborn, Jupyter Notebooks

SOFT SKILLS

- Problem-Solving & Debugging
- Agile/Scrum Collaboration
- Code Review & Clean Coding Practices
- Time Management

PROJECTS

Government University ERP Website (Live) | *React.js, Golang (GORM), PostgreSQL, Docker*

- Developed and deployed a live ERP system for a government university to manage students, faculty, courses, and administrative workflows.
- Built a responsive React.js frontend with reusable UI components for seamless user experience.
- Designed and implemented RESTful APIs in Golang (GORM) integrated with PostgreSQL for secure, scalable data handling.
- Implemented role-based authentication (JWT) for secure access control.
- Containerized the application with Docker, enabling CI/CD and smooth production deployment.