Ganesan S

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WORK EXPERIENCE

Maxil Technology Solutions
2024 – Present

Software Engineer
Oak Brook, IL

- Developed a client-focused dashboard using **React.js** and **TypeScript**, incorporating **GraphQL** for real-time data updates, enhancing responsiveness and user engagement.
- Integrated backend services using **Python** and **GraphQL**, improving data processing efficiency by 30% and reducing load times.
- Enhanced deployment processes with **GitHub Actions** and **Docker**, achieving faster and more reliable software releases.

BestRx Pharmacy Software
2023 – 2024

Software Engineer
Oak Brook, IL

- Developed RESTful and **GraphQL APIs** in **Python** to automate insurance processing, reducing processing time by 40% and increasing accuracy.
- Built a React-based tracking system for prescriptions, leveraging **TypeScript** and **GraphQL** to enable real-time inventory monitoring.
- Optimized backend data handling by implementing efficient query patterns in **GraphQL**, leading to a 25% increase in performance.

Autoreview.ai
2022 – 2022

Software Engineer Intern
Gainesville, Florida

- Developed a document management API using **Python** and **GraphQL**, reducing versioning errors and improving compliance tracking by 50%.
- Enhanced document retrieval speed by 35% with optimized **GraphQL queries** and efficient backend processing.
- Implemented keyword extraction functionality using Python and NLP tools, achieving 90% accuracy in keyword identification and classification.

Infosys
2018 – 2021

Senior Software Engineer
Chennai, India

- Refactored backend services with **JavaScript (ES6+)** and **GraphQL** to improve response times and reduce redundant data fetching by 40%.
- Enhanced system reliability by integrating caching strategies in **Node.js** and **Redis**, resulting in a 30% boost in application performance.
- Developed a React-based reporting dashboard with **TypeScript** for faster data visualization, improving report generation times by 50%.

TECHNICAL SKILLS

Languages :	JavaScript (ES6+), TypeScript, Python
Frameworks/Libraries:	React.js, Node.js, Express, GraphQL
Technologies:	RESTful APIs, GraphQL, WebSockets
DevOps/CI-CD:	Docker, GitHub Actions, AWS
Databases:	MongoDB, PostgreSQL, Redis
Other Skills:	Agile/Scrum, Responsive Design, API Integration

EDUCATION

University of Florida
2021 – 2023

Master's of Science in Computer Science
Gainesville, Florida