

Ganesan Santhanam

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PROFILE

Product Analyst and Software Engineer with over 4 years of experience in driving data-informed product strategies and enhancing user experiences. Operated as an integral part in development of scalable software solutions by collaborating with cross-functional teams, contributing to over \$2.4M in annual product revenue. Proficient in using Python, SQL, Google Analytics, and Tableau to automate risk processes and create data visualizations, streamlining reporting and supporting strategic decisions.

EXPERIENCE

Maxil Technology Solutions

Product Analyst | MaxJobs

Oak Brook, IL

May 2024 – Present

- Designed an employer's dashboard using AngularJS, MongoDB, and OpenAI APIs, delivering personalized daily quizzes and updated content, increasing user engagement by 75% and skill development by 50%.
- Automated analytics with Tableau, reducing report generation time by 90% and improving data accuracy by 40% through real-time dashboards for engagement and applicant insights.

BestRx Pharmacy Software

Software Engineer | RedSail Technologies Feature Integrations, BestRx POS and BestRx Subscriptions

Oak Brook, IL

Aug 2023 – Apr 2024

- Built an automated insurance claims system, reducing manual processing by 50%, improving claims accuracy by 35%, and increasing operational efficiency by 25%.
- Implemented a lookup screen to track request history and view incoming transfer requests for prescriptions, enhancing efficiency by 40%.
- Enhanced data analysis by optimizing SQL queries and developing Python services, increasing reporting accuracy by 50%, thus impacting report generation.

University of Florida

Data Management Analyst (Level 2)

Gainesville, FL

Jun 2023 – Aug 2023

- Architected a React and TypeScript dashboard for longitudinal data visualization, boosting research efficiency by 80% and enabling strategic decision making.
- Implemented automated alerts using Twilio, significantly increasing participation and response rates by 210%.
- Utilized SQL and Python for in-depth data analysis, delivering clear and actionable insights for research projects and improving overall data-driven decision-making.

Graduate Assistant

Apr 2022 – May 2022

- Engineered APIs for payment processing and user-license management using Node.js, Express, and MongoDB, integrating Stripe as the payment gateway, increasing revenue and catalyzing stakeholder engagement.

AutoReview.ai

Software and Machine Learning Engineer Intern | PermitX and PluginX

Gainesville, FL

May 2022 – Dec 2022

- Implemented a comprehensive document history tracking mechanism with SQL Server for detailed activity logging, leading to 6x improvement in audit trail accuracy and compliance adherence.
- Architected and developed 16+ microservices with NodeJS to streamline workflows for an permit management software, increasing the user satisfaction by reduction in latency by 24%

Infosys

Senior Systems Engineer | Vic DHHS

Chennai, TN, India

Mar 2020 – Jul 2021

- Redesigned system architecture using domain-driven design (DDD) and dependency injection in .NET, decreasing response times by 40%, improving code readability by 30%, and reducing endpoint testing time by 50%.

Systems Engineer | Vic DHHS

Jul 2018 – Mar 2020

- Resolved SQL Server slowness by implementing asynchronous processing and caching in .NET, reducing database load by 50% and improving performance by 40%.
- Migrated 118+ SSRS reports to Power BI and transferred data from SQL Server 2005 and Oracle to SQL Server 2017, enhancing reporting efficiency and demonstrating advanced SQL Server Analytics proficiency.

SKILLS & CERTIFICATIONS

- **Frameworks and Languages:** NodeJS, Express.js, Django, Python, C#, VB.NET, .NET
- **Databases:** PostgreSQL, Microsoft SQL Server, Oracle, MongoDB, Cassandra, Redis, Redis SQL
- **Tools and Libraries:** Tableau, Git, SQL, System Design, REST APIs, Data Analysis, Machine Learning
- **Frontend:** React.js, AngularJS, Bootstrap, jQuery, HTML, CSS, JavaScript
- **Cloud and Technologies:** Amazon Web Services (AWS), Microsoft Azure, Azure Blob Storage, AWS S3, Google Vision API, Apache Kafka, Elasticsearch, RESTful, GraphQL, Git, Twilio
- **Project Management:** Azure Boards, Jira, Confluence, GitHub, Agile Methodologies, Sprint Planning, Release Management

EDUCATION

University Of Florida, Master of Science CS (GPA: 3.61/4.00)

Herbert Wertheim Academic Achievement Scholarship.

Gainesville, FL

Aug 2021 – May 2023

SRM Institute of Science and Technology, Bachelor of Technology in CS (GPA: 3.54/4.00) Chennai, India

Department Headliner and Technical Leader (8,142 Computer Science students)

June 2014 – May 2018