# Gauthami Kakani

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### **Skills**

- Programming Languages: Python | TypeScript | JavaScript | GoLang | C | Rust | C# | VB.NET
- Frameworks: .net | React.js | Node.js | Express.js | React Native | Flask | Django | fastapi | Redux | RabbitMQ | Pandas |
- Databases: MongoDB | PostgreSQL | MySQL | Oracle Database | Elasticsearch | Redis | SQLite | DynamoDB | SQLAlchemy |
- **Web Dev:** HTML | CSS | REST | API | Web 3.0 | GraphQL | Bootstrap | Tailwind UI | Material UI | Three.js | D3.js | HTTP | JWT | Auth0 | Swagger |
- Others: DevOps | CI/CD | Docker | AWS | GCP | Git | Agile | Kanban | Scrum | XP | Microservices | MQTT | Linux | OOP | Frontend | Backend | Full-Stack | NLP | ML | ETL pipeline | Jira

## **Experience**

## **Systems Engineer**

Infosys

Hyderabad, India | Jul 2021 - Aug 2022

- → A company that excels in delivering innovative consulting, technology, and outsourcing solutions, driving digital transformation and operational excellence for global clients.
- Developed and optimized key functionalities for Indent IL, Indent BPM, and eSeparation applications, improving system performance and scalability.
- Revamped the Indent systems using VB.NET, reducing processing time for employee indent numbers and promotions by 15%.
- Developed and integrated **RESTful APIs** for Indent applications using fastapi's **Swagger**, improving data validation and reducing errors. Managed development tasks and issue tracking with **Jira** to ensure smooth project workflow.
- Designed a Promotion Tracker, consolidating promotion data, improving data access for business users, promoting data driven decision-making.
- Enhanced eSeparation processes with Python, C# and ASP.NET, streamlining workflows and improving operational efficiency by 20%.
- Utilized SQL for data management, optimizing backend operations and improving data retrieval efficiency by 20%.

#### **Full-Stack Intern**

**Infosys** 

Bangalore, India | Feb 2021 - May 2021

- Developed the Agent Session Project with three distinct user roles, utilizing React, Redux and TypeScript to ensure a scalable, modular front-end.
- Reduced system latency by 20% through efficient database integration using MongoDB and Node.js.
- Improved seminar management functionalities for Host Users, optimizing data flow and reducing response times by 15%.
- Applied **Agile methodologies** and **CI/CD** pipelines to reduce deployment time and ensure continuous integration.
- Enhanced UI/UX with responsive, cross-browser compatible designs using JavaScript, HTML, and CSS, improving accessibility, user experience and page load times by 20%.

## **Web Development Intern**

**Kate Technologies** 

Hyderabad, India | Jul 2020 - Dec 2020

- Developed the **E-Commerce** Optimization Application using **Python**, **HTML5**, **CSS3**, and **MySQL**, enhancing the speed and performance of dynamic web pages by optimizing back-end functionality.
- Integrated Python-based APIs to streamline data retrieval and processing, reducing page load times and improving user experience.
- Collaborated with the front-end team to ensure a seamless connection between design elements and back-end code, driving efficient web performance.
- Utilized Agile methodologies and version control through GitHub for project tracking and collaborative development.
- Conducted performance tuning of website elements to increase traffic, contributing to improved SEO rankings and user engagement.

## **Software Solutions Intern**

**PAJ World Software Solutions** 

Hyderabad, India | May 2019 - Dec 2019

- Developed the **Event Ticketing Management System** using **Python** and **Django**, improving back-end data management and transaction processing.
- Automated report generation with Python scripts, increasing operational efficiency by **25%**.
- Implemented secure database solutions using MySQL, ensuring scalability for event data.
- Collaborated on integrating fraud detection modules for secure payments and data integrity.

## **Education**

**Master of Science** 

**University of South Florida** 

Tampa, Florida | Jan 2023 - Dec 2024

Major in Computer Science - GPA 3.54/4

**Bachelor of Technology** 

**KL University** 

Hyderabad, India | Aug 2017 - May 2021

Computer Science and Engineering - GPA 8.53/10

## **Projects**

• Expression Recognition: 3D Facial Landmark Classification using RF, SVM, and Decision Tree in Python.

Jan - Mar 2024