

Gauthami Kakani

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Skills

- **Programming Languages:** Python | TypeScript | JavaScript | GoLang | C | Rust | Java | C# | VB.NET
- **Frameworks:** .net | React.js | Node.js | Express.js | React Native | Angular | Flask | Django | fastapi | Redux | RabbitMQ | Leaflet.js | 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 | Kubernetes | AWS | GCP | Git | Agile | Kanban | Scrum | XP | Microservices | MQTT | Linux | OOP | Dapps | Frontend | Backend | Full-Stack | NLP | ML | ETL pipeline |

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.

- Worked primarily on the **Indent IL** and **Indent BPM** applications, as well as the **eSeparation** application, focusing on developing, optimizing, and integrating key functionalities to enhance overall system performance.
- Revamped the **Indent IL** and **Indent BPM** systems with **VB.NET**, optimizing processes for managing employee indent numbers, promotions, and designations, ensuring robust system performance.
- Developed and integrated APIs for the Indent application, utilizing **Swagger** for data validation. This integration reduced data-related errors and promoted modularity and scalability. Managed API development and issue tracking using **Jira** for effective project management.
- Designed and implemented a specialized **Promotion Tab** for the Indent application, consolidating promotion data such as employee designations and promotion history. This feature improved business user access to critical information by **30%**, significantly enhancing decision-making capabilities.
- Enhanced the **eSeparation** application using **C#** and **ASP.NET**, streamlining employee separation processes and significantly improving operational efficiency. Utilized **GitHub** for version control and collaborative development.
- Employed **SQL** and stored procedures for backend data management, optimizing data handling and retrieval processes to support application functionality. Integrated data management tasks with **Jira** for tracking and resolution.

Full-Stack Intern

Infosys

Bangalore, India | Feb 2021 - May 2021

- Designed and implemented **Agent Session Project** which has three distinct user roles (End User, Host User, Admin User), utilizing **React.js** for modular and scalable **front-end development**, ensuring seamless user experiences across functionalities.
- Developed and maintained **MongoDB** and **Node.js** for robust, low-latency database connectivity, reducing system response times and improving query performance for user data management.
- Streamlined seminar management by enabling **Host Users** to access user information and conduct seminars through **Express.js**, optimizing data flow and **reducing latency** in session operations by **20%**.
- Modularized user access functionalities, improving code **reusability** and facilitating future enhancements across the platform's user management systems.
- Employed **Agile** methodologies and **Git** for version control, ensuring efficient, collaborative development with a focus on **CI/CD** pipelines to reduce deployment time.
- Leveraged **JavaScript**, **HTML**, and **CSS** to create responsive user interfaces, enhancing accessibility and usability for both **End Users** and **Host Users**.

Education

Master of Science

University of South Florida

Tampa, Florida | Jan 2023 - Present

- Major in Computer Science

Bachelor of Technology

KL University

Hyderabad, India | Aug 2017 - May 2021

- Computer Science and Engineering - **GPA 8.53/10**

Projects

- **Image Classifier(Machine Learning):** High-accuracy image classifier using TensorFlow, Keras, and Python for advanced animal recognition. **Jan - Apr 2023**
- **Expression Recognition:** 3D Facial Landmark Classification using RF, SVM, and Decision Tree in Python. **Jan - Mar 2024**