Gauthami Kakani

Portfolio | 385-789-6357 | gouthamichowdary1@gmail.com | Linkedin

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**