

Uppuluri Divyanth Satya

Pursuing a career as a back-end developer, leveraging a solid background in full-stack development to explore diverse opportunities within the IT sector across prominent Indian cities such as Hyderabad, Bangalore, Chennai, Gurgaon, and Pune.

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Profile Summary

- ❖ Technology-driven professional with comprehensive experience in software development, focusing on back-end and full-stack technologies in the IT industry.
- ❖ Working as a Full-Stack Developer at E-PRO TaxFirr Technology Solutions Pvt. Ltd., overseeing the complete development lifecycle of web applications while prioritizing performance optimization and user satisfaction.
- ❖ Cultivated a diverse skill set that includes backend technologies like Node.js and Django, as well as expertise in frontend frameworks, enhancing a holistic grasp of the software development lifecycle.
- ❖ Realized substantial enhancements in application performance and user experience by implementing optimized database queries and refining backend logic, which led to increased operational efficiency.
- ❖ Showcased robust leadership and team management skills by adeptly guiding cross-functional teams towards achieving project milestones while nurturing a collaborative and productive work environment.
- ❖ Exhibiting proficiency in API development and integration, enabling smooth communication among diverse application components and significantly improving overall system functionality.



Core Competencies

Software Development Lifecycle



Database Management



API Development and Integration



Cloud Computing Concepts



Web Development



Performance Optimization



User Experience Design



Full-Stack Development



Technical Skills

- ❖ **Programming Languages:** C++, Python, Golang, JavaScript
- ❖ **Web Development (Front-end):** HTML, CSS, JavaScript, React JS
- ❖ **Web Development (Back-end/Frameworks):** Django, Flask, Node.js
- ❖ **Databases:** PostgreSQL, MySQL
- ❖ **Version Control:** Git
- ❖ **Data Science:** Machine Learning



Education



- 2020 - 2024
B.Tech. Computer Science Engineering
Indian Institute of Information Technology Kottayam
- 2018 - 2020
Senior Secondary(XII)
Board of Secondary Education Andhra Pradesh

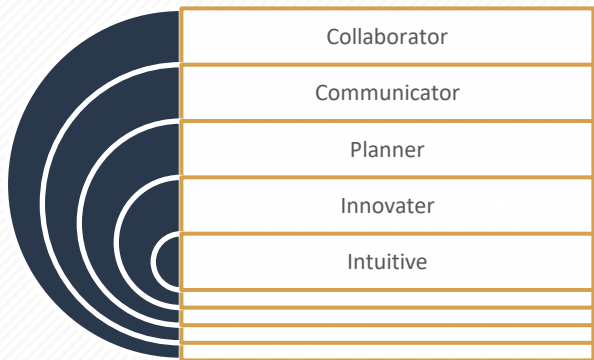


Leadership Roles

- Trendles Club Head | IIIT Kottayam | Aug'22 – Sep'23**
- ❖ Led a student team responsible for coordinating and executing activities across various sub-clubs, including PR, photography, literature, and poster design.
 - ❖ Oversaw the operations of additional sub-clubs such as the finance club, quiz club, and debating club, ensuring their smooth functioning.
 - ❖ Managed event organization, budgeting, and project timelines, ensuring high efficiency and effectiveness in club activities.
- Design Club Member | IIIT Kottayam | Apr'21 – Jul'22**
- ❖ **Event Poster Designer:** Created event posters for college activities during freshman and sophomore years.
 - ❖ **Collaborative Design:** Worked with sub-clubs to improve visual materials and promotional efforts.



Soft Skills





Work Experience

Full-Stack Developer | E-PRO TaxFiltr Technology Solutions Pvt. Ltd. |
Since Jan'25

- ❖ Spearheading the development and deployment of a comprehensive web application on TaxFiltr's server infrastructure, ensuring adherence to performance, security, and scalability standards.
- ❖ Architecting and implementing both front-end and back-end components utilizing React, Node.js, and PostgreSQL, resulting in a highly interactive and feature-rich user experience.
- ❖ Enhancing application efficiency by meticulously optimizing database queries and back-end logic, leading to improved response times and overall system performance.
- ❖ Engaging in the development and integration of APIs, ensuring robust communication between frontend and backend services, thereby streamlining application functionality.
- ❖ Collaborating with a diverse team of professionals to identify and rectify bugs, enhance existing features, and elevate system performance through continuous improvement initiatives.
- ❖ Conducting thorough code reviews and providing constructive feedback to team members, fostering a culture of quality and excellence in software development practices.
- ❖ Developed and maintained comprehensive documentation for the web application, ensuring clarity and accessibility for future development and onboarding processes.



Internship

Trainee Intern | E-PRO TaxFiltr Technology Solutions Pvt. Ltd. |
Jul'24 – Dec'24

- ❖ Assisted in developing RESTful APIs, contributing to faster development cycles and integration with the frontend.
- ❖ Collaborated with senior developers to troubleshoot and fix frontend and backend issues, improving overall app stability.
- ❖ Conducted data analysis and optimized database schemas to improve query performance and data retrieval speeds.

Web Development Intern | Franklin Templeton Investments |
Jul'23 – Sep'23

- ❖ Engineered and deployed a sophisticated web application on FTI's server infrastructure, meticulously crafting its performance, fortifying security, and ensuring its seamless scalability.
- ❖ Collaborated closely with the team to design and bring to life both the frontend and backend components, delivering a beautifully intuitive, feature-rich application that delights users at every turn.



Projects

- ❖ **Go Full-Text Search Engine**
Built a fast, lightweight search engine to index and query 600K+ Wikipedia abstracts using inverted indexing. Achieved sub-3ms query time post-indexing; scales efficiently up to 2M documents. Implemented caching with JSON to avoid reprocessing and accelerate startup. Includes REPL-based CLI for interactive keyword and phrase search.
- ❖ **Go Job Scheduler**
A cloud-native, backend-only job scheduler written in Go. It supports scheduling Shell, HTTP, and AWS Lambda tasks using cron expressions. It features PostgreSQL persistence, retry support, and is designed for serverless environments with a modular architecture..
- ❖ **Go Web Chat Application**
Designed a real-time web-based chat platform, enabling seamless communication through a clean and simple interface. Leveraged WebSocket technology to ensure instant message delivery and fluid user interaction.
- ❖ **CLI Task Manager in Go**
A lightweight and efficient command-line task manager built in Go. This tool allows users to add, view, complete, and delete tasks with a simple interface perfect for productivity on the terminal.



Personal Details

Address: Hyderabad
Languages: English, Telugu, Hindi