Chethan Yallampalli

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PROFESSIONAL SUMMARY

Data Engineering and SaaS FullStack Developer skilled in Python, Node.js, FastAPI, React, and SQL. Experienced in building full-stack apps, scalable ETL pipelines, and real-time dashboards. Delivered impactful projects like Med-Q and automated data workflows in cloud environments.

EDUCATION

Jain University, Bangalore
Bachelor of Technology in Artificial Intelligence & Data Engineering

WORK EXPERIENCE

Data Engineering Intern, Tietoevry
- Built ETL/ELT pipelines processing 10M+ records using AWS, Azure, PySpark, Airbyte, and Snowflake.
- Automated workflows, reducing processing time by 30%.
- Developed 4 real-time dashboards with Apache Superset for operational analytics.

Data Engineering & BI Intern, Six Phrase | Veranda
- Built a finance management platform with multi-bank integration and predictive analytics.
- Delivered 6+ Power BI/Tableau dashboards, improving reporting efficiency by 40%.

Data Analytics Trainee, Futurense Technologies
- Contributed to 3 agile-based data projects using Python and SQL.
- Improved data workflows, boosting delivery speed by 20%.

PROJECTS

- **Med-Q: AI Healthcare Intake System** — AI-powered SaaS platform for symptom collection and automated clinical summaries using Gemini API. Built with React, FastAPI, PostgreSQL, JWT Auth, and Tailwind CSS.
- **Banking App with Finance Management** — Full-stack SaaS app for multi-bank integration, transaction analytics, and real-time dashboards. Node.js, TypeScript, Next.js, Appwrite, Plaid, and Dwolla.
- **Portfolio Website** — Central portfolio featuring full-stack and analytics projects with live demos and source code: www.chethanyallampalli.site
- **Cloud Security Services (IEEE Selected)** — Designed a PSA-based encryption algorithm, increasing password security by 10%.

CERTIFICATIONS

Inferential Statistical Analysis with Python — University of Michigan (2024)
Cloud Virtualization, Containers and APIs — Duke University (2024)
Edge Computing Fundamentals — LearnQuest (2024)
Introduction to DevOps — IBM (2025)

TECHNICAL SKILLS

Languages: Python, SQL, JavaScript, TypeScript, HTML, CSS
Frameworks & Tools: React, Node.js, FastAPI, Apache Airflow, Power BI, Tableau, Snowflake, Git, Docker (basic), VS Code
Cloud & Storage: AWS S3, Azure Blob Storage

EXTRA-CURRICULAR & INTERESTS

- Active options trader managing a 15% CAGR portfolio over 18 months.
- Prototyped 2 SaaS product concepts tackling healthcare queue systems and retail analytics.