Yelkur Pujitha

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Profile Summary

AI & Data Science undergraduate with hands-on experience in cloud engineering, backend systems, and GenAI tooling. Interned at Amazon and Infosys, contributing to scalable backend systems and AI prototypes. Passionate about creative coding, data-driven decisions, and building impactful products.

Experience

Software Development Intern *Amazon, Hyderabad*
Jun 2025 – Aug 2025

- Engineered backend services for Competitor Monitoring Tools (CMT), optimizing price intelligence pipelines.

- Built scalable features in a microservices architecture using internal AWS technologies.

- Participated in sprint ceremonies, code reviews, and engineering deep-dives.

DSA Scholar *Amazon Future Engineer*
Jun 2024 – Apr 2025

- Completed 10-month program in algorithms, data structures, and system design.

Springboard Intern *Infosys*
Nov 2024 – Feb 2025

- Designed and deployed an AI chatbot for healthcare triage (Meditrain project).

- Developed modules on coding ethics, CI/CD pipelines, and agile workflows.

Cloud Virtual Internship *AWS Academy*
Oct 2024 – Dec 2024

- Completed virtual internship on cloud computing and AWS services.

- Gained hands-on experience in deploying and scaling applications in the cloud.

Education

B.Tech in AI & Data Science *BVRIT, Narsapur*
Aug 2021 – May 2025
CGPA: 9.2/10

Projects

Styldex – The AI-Driven Fashion Genome *Generative AI, Gamma AI, Namelix, Sologo AI*
Built a pitch-ready AI fashion recommendation product using 10+ tools. Included prompt engineering and design thinking to define product direction and UX.AI-driven user persona development, and full branding/pitch creation.

AWS Application Deployment *Amazon S3, CloudFront, EC2, Route53*
Deployed a scalable web application with core AWS services like S3 and CloudFront . Explored serverless architecture, DNS (Route53), and CDN performance with CloudFront.

RealMart Dashboard *Power BI, SQL, Pandas*
Interactive retail analytics dashboard using Kaggle datasets to visualize trends.

SAWIT.AI Chatbot *Python, OpenAI, LangChain*
GenAI-based resume assistant with NLP and persona modeling.

AI-Enhanced Landing Page *HTML, CSS, JavaScript*
Responsive single-page web app with GenAI-based interaction design.

MediTrain AI Bot *Python, Streamlit*
Medical triage chatbot for simulating patient-doctor interactions.

Certifications

- Prompt Design in Vertex AI – Google Cloud Skill Badge (2024)
- Machine Learning Foundation – AWS Labs Digital Certificate
- Data Analytics
- Static Website and Dynamic Website
- Design Thinking – Club InQUIZitive
- Accenture innovation challenge '2024
- Gen AI apps with Gemini and Streamlit

Key Achievements

- Consolation Prize – Yukthi Hackathon
- Shortlisted – Myntra HackerRamp '24 (Top 5%)
- Amazon FFE-AFE Scholarship for academic excellence

Technologies

Languages & Technologies: Python, Java, SQL, HTML, CSS, JavaScript, ReactJS
Frameworks & Libraries: Bootstrap, Streamlit
Tools & Platforms: Git, Power BI, Tableau, Google Data Studio, AWS, Kaggle
Specializations: Prompt Engineering, Data Interpretation, Web Design, Generative AI

Interests

Creative coding, scalable tech products, data-driven design, GenAI applications