

Anshul Deewan

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PROFESSIONAL SUMMARY

Python Developer and Full-Stack Engineer with experience in building and deploying web applications using Python, Flask, React.js, and Node.js, and cloud platforms including AWS and Firebase. Delivered solutions that reduced system downtime by 23%, accelerated backend processing by 35%, and increased active user engagement by 47%. Experienced in streamlining ETL pipelines, designing responsive UIs, and implementing automated workflows. Led initiatives that grew community membership by 30% and achieved 50%+ event participation. Skilled in software engineering, web development, and machine learning, with a track record of delivering measurable results in academic and project settings.

EDUCATION

Vellore Institute of Technology, Bhopal – Schore

October 2026

B.Tech CSE, CGPA: 7.68

Gurukul Senior Secondary School – Dausa

June 2021

Senior Secondary Certificate, Percentage: 91%

WORK EXPERIENCE

Python Development Intern – Global IT Providers

Nov 2024 – Jan 2025

- Designed Python applications using Flask and Pandas, minimizing service interruptions by 20% and accelerating processing time by 35%.
- Streamlined ETL pipelines with Pandas and NumPy, eliminating 12+ hours of weekly manual reporting and improving data accuracy.
- Crafted reusable Python modules and PyTest utilities, enhancing code reliability by 30% and reducing maintenance overhead across multiple projects.
- Integrated logging and monitoring systems, shortening bug resolution time by 30% and increasing overall system stability.

PROJECTS

Pre-Sure (Machine Learning Web App)

- Engineered a Flask-based ML web app for predicting pregnancy risks, achieving 85% accuracy across 200+ test cases.
- Optimized data preprocessing pipelines and feature extraction using scikit-learn, raising training efficiency by 35% and prediction reliability to 90% across 5,000+ records.
- Architected a responsive UI with HTML/CSS, improving UI responsiveness scores by 25% over 1,000+ user sessions.

NewsMania (Real-Time News Aggregator)

- Constructed a scalable React.js news aggregator integrating News API, delivering real-time content to 2,000+ daily users.
- Integrated features like pagination, category filtering, and real-time loading, enhancing page load efficiency by 25% and session duration for 1,500+ users.
- Designed a consistent, mobile-first UI using Bootstrap, increasing accessibility and usability scores by 30% for 1,000+ sessions.

Quick Food (Food Delivery App)

- Reengineered end-to-end order workflow with Python, reducing order processing time by 20 seconds and enabling the team to handle 750+ orders.
- Applied Firebase Authentication and Firestore database to streamline secure user management, supporting 1,000+ accounts with zero security breaches.
- Configured UI for instant feedback, reducing perceived latency by 40% and boosting engagement across 500+ user sessions.

SKILLS

Languages, Frameworks & Libraries: C++, Python, JavaScript, SQL, React.js, Node.js, Express.js, Flask, Scikit-learn, Pandas, NumPy

Databases, Tools & Cloud/DevOps: MySQL, MongoDB, Firestore, Git/GitHub, VS Code, Jupyter, Bootstrap, REST APIs, Firebase Hosting, GitHub Actions, CI/CD, PyTest

Domains: Web Development, Software Engineering, Machine Learning

CERTIFICATIONS

AWS Cloud Practitioner – Self-Learning

Python Training (Core Python, OOP, Data Analysis, Flask, Django) – GRRAS Solutions

VOLUNTEERING & LEADERSHIP

Marketing Co-Lead – iOS Club

- Managed membership growth initiatives, increasing enrollment by 33% and achieving 88%+ event participation.
- Executed digital campaigns that boosted social engagement by 42% and expanded audience reach.