

Summary

Aspiring Python Developer with a strong foundation in Python programming and beginner-level experience in data analysis using Pandas, NumPy, and Matplotlib. Passionate about data-driven problem solving and building automation tools. Eager to apply technical skills and learn modern development practices.

Education

Annamalai University Bachelor of Computer Science and Engineering CGPA: 8.33	Chidambaram, Cuddalore Nov 2022 – Apr 2026
St. Paul Matriculation Higher Secondary School HSC-Maths, Physics, Chemistry and Biology Percentage: 89%	Kurinjipadi, Cuddalore Jun 2020 – May 2021

Internships

8Queens Software Technologies Full Stack Developer	Jun 2025 – Jul 2025
---	---------------------

Completed one-month full-stack internship, contributing to development of scalable web applications using Python frameworks and relational databases. Developed responsive interfaces with CSS Grid/Flexbox, implemented REST APIs for data exchange, and optimized SQL queries for improved application performance and database efficiency.

Skills

• Programming Languages:	Java, Python, C, HTML, CSS, JavaScript
• Frameworks/Libraries:	ReactJS, Django, Flask, Scikit-learn, Nodejs
• Tools/Platforms:	Git, GitHub, Canva, VS Code
• Database:	MySQL, OracleDB, MongoDB

Projects

Education Management System Built an educational platform where instructors can create courses and students can enroll, using Python Django framework with PostgreSQL database. Designed responsive course interfaces with HTML/CSS, implemented video uploading, quiz system with automatic grading, and progress tracking. Developed complex SQL queries for user analytics, course recommendations, and performance reports.	Python, Django
Interactive Learning Assessment Platform Engineered AssessmentPro , a comprehensive full-stack learning evaluation platform utilizing Python Flask for backend services, SQLite/MySQL for persistent data storage, and HTML5/CSS3/JavaScript for responsive frontend interfaces. Developed an intuitive quiz creation system enabling educators to design dynamic MCQ assessments with automated scoring, while implementing real-time validation and performance analytics dashboards that visualize student progress through SQL aggregation queries and data visualization techniques.	Python, Flask

Certifications

• Data Structures and Backend with Java - Earned a Coursera certification in Data Structures for Backend Java development. Gained practical skills in implementing core data structures for optimized backend performance.
• Data Visualization with Tableau - Developed expertise in creating interactive dashboards, designing compelling visual narratives, and transforming complex datasets into actionable business insights for data-driven decision making.

Honors & Award

• Elite NPTEL Certification in Cloud Computing - Earned Govt-recognized NPTEL cloud computing certification with demonstrated skills in cloud architecture and deployment.
