

Dhanush P. Soorya

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EDUCATION

Amity University	Bengaluru, India
Bachelor of Technology, Computer Science and Engineering	Expected 2027
Cumulative CGPA: 7.65 / 10.00	
Relevant coursework: Data Structures and Algorithms, Database Management Systems	
Class XII, State Board	88.6%
Class X, Central Board of Secondary Education	81%

PROJECTS

Global Unemployment Trends Analysis	Python
- Cleaned a real-world unemployment dataset and transformed it from wide to long format with Pandas and NumPy. - Performed statistical analysis and created 10+ visualizations in Matplotlib and Seaborn of patterns by country, gender, age group, and time.	
Resume Builder	Python
- Built an application that generates a structured resume from user-entered details. - Implemented data entry, formatting, and export with file handling and a simple graphical interface.	
Hospital Appointment Booking	Flask, MySQL
- Built a Flask application with registration, login, service pages, and an appointment form. - Stored users and appointments in MySQL, including patient name, doctor, and date.	
PDF to Excel Converter	Python, pdfplumber, Pandas, Streamlit
- Built a web tool that automatically extracts structured tables from PDF files and converts them into Excel (.xlsx) format. - Cleaned raw tabular data using Pandas to fix column alignment, remove duplicate rows, and format numerical values correctly. - Created a Streamlit interface for drag-and-drop PDF uploads and immediate file downloads.	

EXPERIENCE

Code Alpha	Virtual
Backend Developer Intern	
- Designed and implemented server-side logic and RESTful APIs for web applications. - Managed database integrations and optimized back-end performance.	

LEADERSHIP AND ACTIVITIES

Smart India Hackathon	Participant
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CERTIFICATIONS

Google AI Essentials, Coursera, January 2025 · Postman API Fundamentals Student Expert · Forage virtual experience

SKILLS

Programming: Python, C, Java, HTML, CSS, JavaScript
Web: Flask, Streamlit, SQL, MySQL
Data: Pandas, pdfplumber, NumPy, Matplotlib, Seaborn, DBMS
Tools: Git, Linux, Postman