

BALAJI P

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🐙 [github](#)

🔗 [LeetCode](#)

🌐 [Portfolio](#)

Education

Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College <i>Bachelor of Technology in Artificial Intelligence and Data Science (CGPA: 8.54)</i>	2023 - 2027
Aruna Higher Secondary School (TN State Board) <i>Higher Secondary Certificate (HSC), Percentage: 89%</i>	2022 - 2023
Aruna Higher Secondary School (TN State Board) <i>Secondary School Leaving Certificate (SSLC)</i>	2020 - 2021

Experience

The NSIC Technical Services Centre (NTSC) <i>Mobile Application Development Intern</i>	Dec 2024
<ul style="list-style-type: none">Designed and developed user-friendly Android mobile applications using Java and Android Studio, focusing on intuitive UI/UX and performance optimization.Implemented core functionalities including activity lifecycle management, API integration (RESTful services), and local data storage using SQLite and SharedPreferences.Collaborated in Agile environments to troubleshoot issues, perform testing, and deploy application builds, ensuring timely delivery and high code quality.	

Projects

Crime Prevention Using AI <i>Python, Linear Regression</i>	Jan 2024
<ul style="list-style-type: none">Developed an AI-based crime prediction system using Python to analyze historical crime data and identify high-risk zones for preventive action.Implemented linear regression algorithms to predict crime occurrence trends based on location, time, and type of crime, achieving improved forecasting accuracy.	
AI-Driven Sales and Customer Behavior Dashboard <i>RFM analysis, K-Means</i>	July 2025
<ul style="list-style-type: none">Built an AI-powered dashboard to analyze sales data and customer behavior trends, enabling data-driven decision-making for business growth.Applied machine learning techniques such as clustering and regression to segment customers, forecast sales, and uncover buying patterns.	
Clock, Calendar, XO Game <i>Java, Android Studio</i>	Dec 2024
<ul style="list-style-type: none">Developed a Clock App using Java and Android Studio with features like alarm, timer, and stopwatch, ensuring accurate time tracking and user-friendly interface.Built a Calendar App that allows users to schedule events using DatePicker and TimePicker, with local storage using SQLite for offline access.Created an interactive XO (Tic-Tac-Toe) Game App implementing game logic, win/draw detection, and smooth UI for two-player gameplay on Android.	

Technical Skills

Languages: Python, Java, C, C++, HTML/CSS, MySQL, NoSQL

Developer Tools: VS Code, Eclipse, IntelliJ Idea, Android Studio

Technologies/Frameworks: Git, GitHub, WordPress, SpringBoot

Relevant CourseWork: DSA, DBMS, OS, Artificial Intelligence, System Design

Achievement

LeetCode/HackerRank	2024 – Present
<ul style="list-style-type: none">Secured 5-Star in Java and 3-Star in Python on HackerRank, showcasing strong problem-solving and programming skills.Solved 200+ problems on LeetCode, demonstrating consistency in data structures and algorithms.Earned 50 Days and 100 Days Streak Badges on LeetCode, reflecting daily dedication to coding practice and improvement.Completed NPTEL Online Certification in "The Joy Of Computing Using Python" - IIT Madras(Jan-Apr 2024)	