

# DARRUNSITASH M

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## Career Objectives:

Driven B.Tech Artificial Intelligence and Data Science student with a strong foundation in UI/UX design and real-world problem solving through platforms like Vibe Coding. Passionate about building innovative tech solutions that address practical challenges. Eager to apply my skills in dynamic projects and contribute meaningfully to both team and individual goals in the tech industry.

## Educational Qualification:

Qualification	Institution	Board or University	Year	Percentage Or CGPA
BTech (AI&DS)	K Ramakrishnan College Of Technology	Anna University	2023 - 2027	7.87 CGPA
HSE (12 <sup>th</sup> )	Campion Anglo Indian Hr.Sec.School	State Board	2022 - 2023	83%
SSLC (10 <sup>th</sup> )	Campion Anglo Indian Hr.Sec.School	State Board	2021 - 2022	PASS

## Technical Skills:

- **Programming Languages:** Python, C, Java
- **Data Science & Analytics:** Power BI, SQL, Matplotlib, Tableau
- **AI & Machine Learning:** Prompting techniques, LLMs, model fine-tuning, Machine Learning using Python, Data Science with Python
- **Web Development:** HTML, CSS, JavaScript, React.js, Node.js, Flutter, Appsheet (No-code)
- **Embedded Systems & IoT:** Arduino, ESP32, Raspberry Pi, sensors (temperature, humidity, piezoelectric, MPU6050), IoT with Python

- **UI/UX Design:** Figma, Canva, Framer – Designed intuitive interfaces and prototypes for real-world projects
- **No-Code Web & App Builders:** Windsurf, Bolt, Adalo, Bubble.
- **Prototyping & Product Development:** Low-cost hardware prototyping, patent documentation, innovation grant proposals
- **Version Control & Collaboration:** Git, GitHub
- **Tools & Platforms:** VS Code, Bolt, Windsurf, ChatGPT, Google Sheets
- **Cybersecurity & Ethical Hacking:** Basic tools and practices learned through workshops and bootcamps

## Certificates:

- **Internship Completion - UI/UX Design, Cognifyz Technologies:** Gained hands-on experience in user-centric interface design and prototyping.
- **Internship Completion - Web Development, Cognifyz Technologies:** Developed web applications, gained exposure to frontend and backend development.
- **Oracle Java Explorer Badge:** Completed 7+ hours of Java training including OOPs using Oracle Cloud and NetBeans with 100% score.
- **R for Data Science - IBM/Simplilearn:** Covered data wrangling, visualization, and statistical computing using R.
- **Tableau Desktop Specialist Certification:** Demonstrated skills in data visualization and dashboard creation using Tableau.
- **Python for Data Science, Data Science with Python, Machine Learning Using Python – Simplilearn:** Built expertise in data analysis, ML algorithms, and Python programming.
- **SQL Fundamentals Badge – LetsUpgrade:** Gained proficiency in querying, data management, and relational databases.
- **Git & GitHub Bootcamp – LetsUpgrade:** Learned collaborative development and version control fundamentals.
- **Figma, Canva, Google Sheets Bootcamps – LetsUpgrade:** Mastered practical tools for design, data handling, and presentations.
- **Flutter, Appsheet, Tailwind CSS Bootcamps – LetsUpgrade:** Acquired no-code/low-code mobile and web development skills.
- **Foundations: Programming Refresher:** Strengthened understanding of programming logic and core computing principles.
- **Data Scientist Master Program Certificate – Simplilearn:** Comprehensive certification covering machine learning, statistics, and data analytics.
- **Great Learning – C for Beginners:** Acquired strong foundation in the C programming language.

## Workshops & Webinar:

- **Cyber Warfare & Ethical Hacking (3-Day National Workshop) – KRCT x Ozone Cyber Security, Kerala:** In-depth learning on cybersecurity tools, penetration testing, and digital defense strategies.
- **IoT Using Python & Raspberry Pi – IIT Madras (Top Engineers x Mechanica 2024):** Built connected systems using sensors, Python scripting, and microcontrollers.
- **E-Summit'24 – SASTRA University:** Attended workshops on startup ideation, pitching, and entrepreneurial strategies.
- **Full Stack Development Workshop (React JS & Node JS) – Kongunadu College of Engineering:** Explored complete web development using MERN stack.
- **Data Visualization with Python – LetsUpgrade:** Practical learning on turning complex data into easy-to-understand visual insights.
- **Various short-term bootcamps – LetsUpgrade:** Attended intensive sessions across design, development, analytics, and cloud tools.

## Achievements:

- **Winner – Best Business Idea, Startup Mela 7.0 (St. Joseph's Institute of Management):** Secured ₹20,000 cash prize; top winner in Track 1.
- **Winner – EDII-TN TNSI Hackathon 2024:** Secured ₹1 Lakh grant; among top 5 teams out of 25,000+ ideas.
- **Winner – HackXelerate'25 (KPRIET):** Secured Top 15 spot among 2000+ entries with AI Career Navigator project.
- **German Utility Patent – Smart Pill Water Bottle:** Innovated and filed a patent for healthcare monitoring system.
- **Patent Published – Smart Sprinkler Irrigation System:** Developed automated irrigation system using IoT sensors.
- **Prototype Developed – Portable Low-Cost Neonatal Incubator:** Designed and built a compact, affordable incubator to support neonatal care in resource-limited settings.
- **Healthcare Innovation – Umbilical Monitoring System:** Engineered a non-invasive system to continuously monitor umbilical parameters for neonatal health tracking.
- **Mechanical Design – Traditional Tile Making Machine:** Revived and mechanized a traditional tile-making process with ergonomic and efficient design improvements.
- **Safety System – Auto Stove Off Mechanism:** Created a safety device that automatically turns off gas stoves based on inactivity or timer triggers.
- **Mechanism Innovation – Electromagnetic Solar Panel Lock:** Developed a solar panel fixing system using electromagnetic locks for easy installation and anti-theft security.
- **Automation Design – Solar Panel Lifting Machine:** Designed a solar panel lifting system to adjust tilt and angle for optimized solar tracking and maintenance.

- **Overall Champion – CITA 2K25 (Periyar Maniammai Institute):** Won Short Film, Paper Presentation, and overall trophy.
- **2nd Place – Paper Presentation & Photography (TECH MERAKI 3.0, PSNA):** Demonstrated academic depth and creative talent.
- **2nd Prize – Mathematics Week (KRCT):** Awarded for paper on Ramanujan's contributions.
- **1st Prize – Project Expo & 2nd Prize – Essay Writing (CARE Techfest'24):** Recognized for innovation and analytical writing.
- **2nd Prize – UI/UX Contest (Freshers Day '23, KRCT):** Honored for design thinking and user experience insights.
- **3rd Place – National Hackathon (ISYSWAY Technologies, Thanjavur):** Demonstrated strong teamwork and coding proficiency.
- **Top 10 Participant – SindhanAI'25 Hackathon (SRM TRP College):** Earned distinction in 24-hour AI-themed event.
- **Paper Presentation – INTERPRONIX 2K25 (K. Ramakrishnan College):** Participated in a national-level technical symposium.

## Personal Details:

Name : Darrunsitash M  
 Father Name : Muthukrishnan R  
 Age : 19  
 Date Of Birth : 06.01.2006  
 Gender : Male  
 Marital Status : Un Married  
 Nationality : Indian  
 Language Known : Tamil, English

## Declaration:

I hereby declare that the above-mentioned information is true to the best of my knowledge.

**Date :** 16.05.2025

**Place:** Trichy

Darrunsitash M

