

## CHANDRAKANTH S M

Full Stack Developer | Chikkamagalur, KA 577135 | [chanduchandrakanth292@gmail.com](mailto:chanduchandrakanth292@gmail.com) | +91 7337762696 | [LinkedIn](#)

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Aspiring Full Stack Developer with hands-on experience in .NET Core, Angular, and SQL. Strong foundation in building RESTful APIs, front-end frameworks, and embedded systems. Certified in .NET Full Stack Development and passionate about solving real-world challenges through technology. Actively seeking opportunities to apply my skills and grow in a dynamic software development environment.

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### PROJECT

#### 1. Fingerprint Vehicle Starter

**Technologies Used:** Fingerprint Sensor (R307), **Arduino Uno**, Relay Module, DC Motor, Embedded Software, Encryption Technology, User Interface Components

- Developed a **Fingerprint-Based Vehicle Starter System** to enhance security and user authentication.
- Integrated and debugged **R307 fingerprint sensor** with **Arduino Uno** for seamless vehicle ignition.
- Worked with **relay modules** to control the ignition system and **DC motors** for actuator mechanisms.
- Implemented **encryption techniques** to enhance security and prevent unauthorized access.
- Wrote and optimized **Embedded C code** for fingerprint recognition and authentication.
- Collaborated with hardware teams to ensure proper sensor integration and system functionality.

#### 2. Student Management System – CRUD Operations using ADO.NET

**Technologies Used:** C#, ADO.NET, SQL Server, Windows Forms, Visual Studio

- Developed a basic Student Management System to perform Create, Read, Update, and Delete (CRUD) operations using ADO.NET.
- Designed a user-friendly Windows Forms interface to interact with a SQL Server database.
- Implemented ADO.NET components like **SqlConnection**, **SqlCommand**, and **SqlDataAdapter** for data operations.
- Wrote modular and clean C# code to manage student records efficiently, including validations and error handling.
- Tested and debugged each function to ensure smooth database connectivity and accurate CRUD execution.
- Gained practical experience in integrating UI with backend logic and handling real-time database responses.

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### Technical SKILLS

- **Programming Languages:** C#, TypeScript, JavaScript
  - **Web Development:** HTML, CSS, JavaScript
  - **Backend Development:** .NET Core Web API, ADO.NET
  - **Database Management:** SQL Server (T-SQL), Stored Procedures, Indexing, Views
  - **Software Development Concepts:** Object-Oriented Programming (OOP), Design Patterns, Exception Handling
  - **Frameworks & Libraries:** .NET Framework, .NET Core
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## ACADEMIC CREDENTIALS

- **Bachelor of Technology** (Electronics And Communication Engineering ) **2021-2025**  
Adichunchanagiri Institute of Technology, Chikmagalur.  
**CGPA:** 7.9
  - **Intermediate** (MPC) **2019-2021**  
Sri BGS PU College, Chikkamagalur.  
**Percentage:** 85
  - **Secondary School Certificate** **2019**  
ST Joseph's Boys High School, Chikmagalur.  
**Percentage:** 85.92
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## ACADEMIC PROJECTS

- FingerPrint Vehicle Starter.
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## CERTIFICATIONS AND INVOLVEMENT

- Certified in .NET Full Stack from Palle Technology. Pvt.Ltd.
  - Certified on Design And Development Of System in Arduino Platform from Loginware SoftTech Pvt Ltd.
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## SKILLS & MERITS

- Commitment and responsibility in work and delivering quality results within the allotted time.
  - Adaptive to new environments and working on complex projects.
  - Analytical and Innovative thinking.
  - Collaboration, Management & Leadership Skills.
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## PERSONAL INFORMATION

**Father:** Mahesh M R | **DOB:** 01/05/2003 | **Languages:** English, Kannada and Hindi | **Marital Status:** Single.