

**Hemnath M**

**Software Engineer**

Chennai, Tamil Nadu

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Portfolio: <https://hemnath.pages.dev>

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## Professional Summary

Result-driven Front-End Developer with 2+ years of hands-on experience designing and implementing responsive, user-centric web applications using Angular, React, TypeScript, and JavaScript. Skilled in modern UI/UX practices, performance optimization, and scalable architecture. Adept at solving real-world business problems through efficient code and agile collaboration.

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## Technical Skills

**Frontend:** HTML, CSS, Bootstrap, JavaScript, TypeScript, Angular 12+, Angular Material, Ag-Grid

**Backend:** Node Js

**Database & API Tools:** MongoDB, Postman, Swagger

**DevOps & Tools:** Git, Bitbucket, FileZilla

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## Professional Experience

**Kriyatec IT Solutions** – Chennai, India

**Front-End Developer** | Oct 2022 – Apr 2025

- Designed and developed a report entry module, reducing manual effort by 40% using JSON Formly.
  - Built responsive UIs with Angular and Material Design for improved user engagement.
  - Enabled offline-first functionality via IndexedDB for enhanced application resilience.
  - Added robust form validation and error handling for data quality.
  - Worked in Agile teams alongside backend engineers and PMs for timely project delivery.
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## Projects

**The Professional Couriers – Courier Management Form Module**

*Tech Stack:* Angular, Formly, AG Grid, TypeScript, HTML, CSS

- Developed dynamic Formly-based UI for courier operations (Add/Edit/Delete).
- Integrated AG Grid with advanced filtering, sorting, and pagination features.
- Followed Angular best practices for modular and maintainable components.

### **Klassguru – Music School Management System**

*Tech Stack:* Angular, Formly, TypeScript, HTML, CSS, Responsive Web Design

- Built dynamic course/class/schedule forms with centralized schema control.
- Designed a modern responsive UI for music school staff and students.
- Implemented schedule conflict validation and reusable components.

### **Mandate Management System | 2023**

- Built a banking app to validate Aadhaar, UPI, and bank account details via secure integration with NPCI and NSDL gateways.

### **Production Parts Approval Process | 2022**

- Developed a document tracking and submission system for supplier QA approval workflows.

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## **Education**

### **Bachelor of Engineering (B.E.), Computer Science Engineering**

Sri Ramanujar Engineering College – Chennai

*Apr 2017 – May 2021*