PAGALAVAN VETRIVENDHAN
SOFTWARE DEVELOPER

Dharmapuri | pagalavanvdeveloper@gmail.com | +91 8300622621 | Postgram | LinkedIn | Github

Technical Skills

- **Frontend Development:** Angular, JavaScript, TypeScript, HTML, CSS, Bootstrap
- **State Management & Optimization:** RxJS, Signals, NgRx, Lazy Loading, Change Detection
- **Backend & API Development:** Java, Node.js, Express.js, NestJS, RESTful APIs, JWT, OAuth
- **Database & Data Handling:** MSSQL, MongoDB, Prisma ORM, Azure Data Factory (ADF)
- **Tools & Best Practices:** Git, GitHub, Postman, Azure DevOps, SOLID Principles, Agile, Scrum

Education

B.E - Electronics and Communication Engineering, Kongu Engineering College — **Aug 2018 – Apr 2022**
- GPA: 8.59/10 with **First Class** Distinction

Higher Secondary Education, Sree Vetri Vikas Matric Hr Sec School — **Jun 2017 – Apr 2018**
- Percentage: 88.8

Experience

Software Engineer - Accenture | 2.9 Years — Nov 2022 - Present

Frontend Development
- Developed **dynamic, responsive, scalable, and high-performance Angular applications**, enhancing user experience and efficiency.
- Built reusable standalone components and optimized component communication using **RxJS Observables, Subjects, and Signals**, ensuring seamless state management.
- **Implemented template-driven and reactive forms** with validation, error handling, and dynamic controls.
- Connected Angular apps to RESTful APIs with efficient async handling, enhancing UI responsiveness.
- Optimized **lazy loading and change detection**, reducing unnecessary API calls, and improving performance.
- Implemented **JWT-based authentication** and **Angular Route Guards** for secure access control.
- Strong understanding of **Agile and Scrum**, leveraging **Azure DevOps, Git, GitHub, and CI/CD pipelines** for streamlined project management, version control, and deployment.

Backend Development
- Built **RESTful APIs** with **Node.js, Express.js**, ensuring secure data and **JWT/OAuth authentication**
- Developed **server-side logic** with optimized **database interactions** for high performance

Database
- Designed and optimized **SQL queries** and **stored procedures** for **efficient CRUD operations and analytics**
- Automated **ETL pipelines** using **SSIS and Azure Data Factory**, ensuring **reliable data integration**

Projects

Postgram - Angular, Express.js, MSSQL, JWT, Bcrypt, REST API — Postgram
- Developed a **responsive Angular application** with **real-time post creation**, using **RxJS** for reactive UI.
- Implemented **role-based access** control, **error handling**, and optimized database queries.

Cafe Management - NestJS, Prisma ORM, PostgreSQL, JWT — Documentation
- Designed a **modular backend** to manage roles, reservations, and bookings with **Prisma** and **PostgreSQL**.
- Automated **API integration** and streamlined developer onboarding with comprehensive **API documentation**.