Dileep Patil K R

Full Stack Software Engineer | Angular Developer

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🌐 Portfolio: https://dileep-2022.github.io/Portfolio_/

Professional Summary

Results-driven Full Stack Software Engineer with 1 year of hands-on experience developing enterprise-level web applications using Angular, TypeScript, and modern web technologies. Proven expertise in building responsive, user-centric interfaces and implementing robust backend solutions. Skilled in creating scalable applications with a focus on code quality, performance optimization, and cross-functional collaboration. Strong foundation in full-stack development with a Master's degree in Computer Applications (CGPA: 8.79).

Technical Skills

- **Frontend Technologies:** Angular , TypeScript, JavaScript , HTML5, CSS3, SCSS
- **CSS Frameworks & UI Libraries:** Bootstrap, Tailwind CSS, Angular Material, ngx-emoji-mart
- **Backend Technologies:** ASP.NET, RESTful APIs
- **Tools & Platforms:** Git/Version Control, Postman, Firebase Cloud Messaging (FCM), Visual Studio Code
- **Database:** SQL (MySQL, PostgreSQL)
- **Methodologies:** Agile Development, Responsive Design, API Integration
- **Core Competencies:** Full Stack Development, UI/UX Implementation, Code Optimization, Debugging

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Professional Experience

Full Stack Software Engineer (Intern → Developer)

Acelucid Technologies Private Limited | Tumkur, Karnataka
May 2024 – Present (1+ year)

- Developed and maintained enterprise leave management and HR admin privilege systems, serving multiple departments and improving workflow efficiency by implementing role-based access controls

- Architected and implemented responsive, mobile-first web applications using Angular with standalone components

- Integrated RESTful APIs with optimized backend code, handling complex data transactions and implementing error handling mechanisms to ensure 99% uptime

- Designed and developed intuitive user interfaces using Bootstrap and Tailwind CSS, improving user satisfaction scores and ensuring cross-browser compatibility

- Implemented reactive forms with custom validators and dynamic form controls, reducing form submission errors by 45%

- Collaborated with cross-functional teams in Agile sprints, participating in code reviews, daily standups, and sprint planning sessions

- Utilized Git for version control, maintaining clean commit history and following branching strategies for seamless team collaboration

- Conducted thorough testing and debugging using Chrome DevTools and Postman, identifying and resolving 50+ critical bugs pre-production

- Mentored junior developers on Angular best practices, TypeScript patterns, responsive UI design, and C# backend development, including API design, debugging, and code reviews

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Key Projects

Enterprise Leave Management System (Frontend Developer)

Technologies: Angular, TypeScript, Bootstrap
August 2025 – Present

- Designed and developed a comprehensive leave management system with role-based dashboards for employees, managers, and HR administrators

- Implemented features including leave application, approval workflows, calendar integration, and automated email notifications

- Built responsive data tables with sorting, filtering, and pagination capabilities handling 1000+ employee records efficiently

Highland (Backend Developer)
Technologies: ASP.NET/.NET, RESTful APIs, LINQ, SQL
March 2025 – July 2025

Designed and implemented backend database schema and table structures to support core application functionality

- Developed robust RESTful APIs with features including pagination, sorting, filtering, and data retrieval using LINQ queries

- Ensured API performance and scalability to handle enterprise-level data loads
- Collaborated with frontend teams to provide seamless API integration and data flow

Real-Time Push Notification System

Technologies: Firebase Cloud Messaging (FCM), Angular, TypeScript, HTML5, CSS3
June 2025 – July 2025

- Architected and implemented a real-time push notification system using Firebase Cloud Messaging for web applications
- Developed service workers for background notification handling, enabling offline notification queuing
- Created a notification management dashboard with options to customize notification preferences and view notification history
- Integrated notification analytics to track delivery rates and user engagement metrics
- Improved user engagement by 35% through timely and relevant push notifications

Interactive To-Do List Application

Technologies: Angular, TypeScript, ASP.NET, HTML5, CSS3, Local Storage API
April 2025 – May 2025

- Built a feature-rich task management application with CRUD operations, drag-and-drop functionality, and priority-based categorization
- Implemented local storage integration for offline data persistence and synchronization
- Designed responsive UI with smooth animations and transitions for enhanced user experience
- Added advanced features including due date reminders, task filtering by status, and search functionality
- Deployed application achieving 500+ active users within first month of launch

Al-Rova (Initial and Learning Project)
Technologies: HTML5, CSS3, JavaScript, ASP.NET
March 2024 – April 2024

- Developed user-friendly business website as part of internship experience
- Integrated contact forms with backend validation and email notification system
- Emphasized responsive design for seamless usability on multiple device types

Innovative Electrical Solution Website

Technologies: HTML5, CSS3, JavaScript, ASP.NET, Responsive Design
May2024 – April 2024

- Developed a professional business website with service showcase, contact forms, and client testimonial sections
- Implemented responsive design ensuring optimal viewing experience across devices (desktop, tablet, mobile)
- Created interactive service calculator for cost estimation, improving lead conversion rate by 25%
- Integrated contact form with backend validation and email notification system for instant inquiry management

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Education

Master of Computer Applications (MCA)

Siddaganga Institute of Technology | Tumkur, Karnataka
Graduated: 2024 | **CGPA: 8.79/10**

- Relevant Coursework: Advanced Web Technologies, Software Engineering, Database Management Systems, Data Structures & Algorithms, Cloud Computing, Mobile Application Development
- Academic Projects: Built multiple full-stack applications demonstrating proficiency in modern web frameworks

Bachelor of Computer Applications (BCA)

Seshadripuram College | Tumkur, Karnataka
Graduated: 2022 | **CGPA: 8.4/10**

- Foundation in programming fundamentals, object-oriented programming, and web development technologies

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Certifications & Learning

- GeeksforGeeks (GFG) C++ Certification
- NPTEL Programming in Java Certification
- Exploring Angular, React, and Microservices through YouTube tutorials and courses

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Additional Information

- **Languages:** English, Hindi, Kannada
- **Soft Skills:** Problem-solving, Team Collaboration, Communication, Time Management, Continuous Learning
- **Availability:** Flexible for hybrid work arrangements (office and remote)

Professional Achievements

- Successfully delivered 5+ production-ready applications within tight deadlines while maintaining high code quality standards
- Reduced application load time by 40% through code optimization and lazy loading implementation
- Achieved 99% bug-free deployment rate through comprehensive testing and quality assurance practices
- Contributed to team knowledge base by documenting best practices and creating reusable code templates