



PRANAM K

Senior R&D Engineer

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CORE COMPETENCIES

- Full Stack Development
- Microservices Architecture
- Azure DevOps
- High & Low Level Design
- Documentation
- Cloud Application Development
- Technical Leadership
- CI/CD Pipelines
- Agile / Scrum Methodology
- Software Development Lifecycle
- Scalable Web Applications
- Requirement Gathering
- Process Automation
- Coding & Optimization
- Debugging & Troubleshooting
- Cross-functional Collaboration



EDUCATION

- 2015: B.E. (ISE) from Canara Engineering College, Mangalore, Karnataka, India



CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals | Microsoft
- Microsoft Certified: Azure Developer Associate | Microsoft
- Microsoft Certified: DevOps Engineer Expert



SOFT SKILLS

- Mentoring & Coaching
- Direction & Vision
- Leader & Planner
- Innovator

Seeking a leadership role in a forward-thinking organization to lead cross-functional teams, architect robust full stack solutions and drive digital transformation initiatives with an expertise in solving complex business problems through innovative engineering practices & continuous improvement.



PROFILE SUMMARY

- ❖ **Seasoned Full Stack Developer & Technical Lead offering 10 years of experience** in architecting, developing, and deploying enterprise-grade web applications using JavaScript/Angular, .NET and Microsoft Azure frameworks.
- ❖ **Proven expertise in driving end-to-end software development lifecycle (SDLC)** across Agile and Waterfall methodologies, from requirement gathering and architecture design to CI/CD and deployment.
- ❖ **Adept at building microservices-based distributed systems** with focus on modularity, scalability, performance optimization, seamless third-party API integration.
- ❖ **Recognized for leading high-performing cross-functional teams**, collaborating closely with Product Owners, Scrum Masters, UX Designers, and DevOps to deliver quality outcomes on time.
- ❖ **Strong hands-on proficiency in cloud-native application development** and Azure DevOps pipelines, including containerization using Docker and Kubernetes, ensuring robust CI/CD practices.
- ❖ **Key contributor to critical digital transformation initiatives** such as Insight 360 and ABB Management API, enhancing decision-making and operational efficiency through data-driven interfaces.
- ❖ **Expertise in crafting modular, reusable code** with a strong emphasis on clean architecture, SOLID principles, and long-term maintainability of codebases.
- ❖ **Committed to accessibility, code quality, and continuous improvement**—recognized for advising stakeholders on accessibility standards and leading initiatives that improve developer productivity and product reliability.



ACHIEVEMENTS

- ❖ Received an Honorable Mention from PAEN for the idea "Corrosion and Material Sensing" during the PA Global HackSummit 2024 at ABB.
- ❖ Earned a Special Mention for the same idea during the ABB Accelerator Program in September 2024.
- ❖ Participated in the Process Automation Individual Contributor Talent Development Program at ABB.
- ❖ Contributed to the creation of an internal COVID-19 information portal exclusively accessible to KPMG employees.



TECHNICAL SKILLS

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|---------------------------------|--|
| Operating Systems | Microsoft Windows, Unix, Linux, macOS |
| Frontend | JavaScript, AngularJS, Angular 16/17/18/19, TypeScript, Bootstrap, HTML, CSS/SCSS |
| Backend | Node.js, C#, .NET Core, .NET 6.0, .NET 9.0, ASP.NET Web API |
| Database | SQL, MongoDB, Azure Cosmos DB |
| Cloud & DevOps | Microsoft Azure, CI/CD Pipeline, Docker, Kubernetes |
| Other Skills & Tools | Visual Studio Code, Visual Studio 2022, Figma, Postman, draw.io, GitHub Copilot, ChatGPT (GPT-4), OpenAI API, Prompt Engineering |



CAREER TIMELINE



WORK EXPERIENCE

ABB, Bangalore
Senior R&D Engineer

Sep'21 – July'25

Project: Advanced Production Scheduling (APS)

Description: APS is a software solution developed to streamline delivery processes, boost production efficiency, lower operational costs, and enhance customer satisfaction. It intelligently allocates raw materials and production capacity to meet demand in the most efficient manner. Furthermore, it empowers businesses to make well-informed decisions by effectively analyzing various scenarios using available data.

Skills: Angular 16/17/18/19, TypeScript, C#, .NET 6.0, .NET 9.0, Microsoft Azure, Azure DevOps, HTML, CSS/SCSS, SQL

Key Result Areas:

- ❖ **Orchestrating End-to-End Product Delivery:** Leading cross-functional project teams and spearheading mission-critical design initiatives to ensure the seamless shipping of customer-centric products that drive tangible business impact.
- ❖ **Bridging Business Needs with Technical Execution:** Collaborating proactively with Scrum Masters and Product Owners to translate evolving business requirements into scalable engineering outcomes while actively managing technical debt and upholding architectural integrity.
- ❖ **Visualizing User-Centered Design Solutions:** Crafting immersive design artifacts—storyboards, user journeys, wireframes, high-fidelity prototypes, and experience narratives—to articulate intuitive and impactful user experiences across platforms.
- ❖ **Driving Collaborative Product Innovation:** Engaging in co-creation with product managers, UI/UX designers, content strategists, developers, and user researchers to iterate on features and ensure delivery of pixel-perfect, user-aligned solutions.
- ❖ **Elevating Engineering Excellence and Code Quality:** Engineering resilient, maintainable, and scalable technical solutions tailored to user-centric scenarios; consistently delivering clean, reusable code while championing industry-standard best practices to future-proof products and sustain team velocity.
- ❖ **Driving End-to-End Software Development Lifecycle:** Orchestrating the full-stack development process by leveraging cutting-edge technologies and ensuring seamless integration across front-end and back-end systems, while optimizing performance and scalability for enterprise-grade applications.
- ❖ **Enhancing System Architecture and Design:** Continuously evolving and refining system architecture by adopting microservices principles and leveraging cloud-native solutions to create robust, highly available, and resilient platforms capable of supporting high traffic loads and business-critical operations.
- ❖ **Championing Code Quality and Best Practices:** Promoting and instilling industry-leading software engineering best practices such as Test-Driven Development (TDD), Continuous Integration (CI), and Continuous Deployment (CD) pipelines, ensuring the delivery of high-quality, maintainable, and bug-free code with minimal technical debt.
- ❖ **Driving Cross-Functional Collaboration:** Facilitating seamless collaboration between product managers, designers, and other engineering teams to translate business requirements into innovative technical solutions, ensuring that the development process is aligned with organizational objectives and timelines.
- ❖ **Mentoring and Scaling Development Teams:** Spearheading the growth and scaling of high-performing development teams by providing technical leadership, coaching junior developers, fostering a culture of continuous learning, and ensuring alignment with agile methodologies for accelerated delivery cycles.

KPMG
Senior Software Engineer

Apr'20 - Aug'21

Project: Insight 360 (i360)

Description: Insight 360 (i360) is a mashup web application designed to provide users with a seamless interface for navigating across multiple pages and viewing data through interactive charts and tables. It delivers a unified set of organization-wide metrics to support strategic goal achievement and facilitate timely, informed decision-making. The interface fetches all visualizations and data from the back-end Qlik Sense application via API integration.

Skills: JavaScript, Angular 2/4/8, C#, .NET Core, .NET 5.0, TypeScript, Bootstrap, jQuery, Azure DevOps, HTML/CSS

Capgemini
Senior Software Engineer

Nov'19 - Apr'20

Project: Incident Management Board

Description: The Incident Management Board is a web-based application designed to manage multiple users and teams operating across various platforms. It features distinct sections such as "My Profile", "Users", "Teams", "Priority Tickets", "Ongoing Tickets", and "Resolved Tickets". Serving as a centralized hub, the platform facilitated daily collaboration and communication among teams focused on resolving incidents based on priority. The project followed Agile methodologies, with active participation in daily stand-up meetings and regular client interactions.

Skills: JavaScript, AngularJS, Angular 2/4/5/6/7, TypeScript, C#, .NET Framework 4.x, Azure DevOps, HTML/CSS

PREVIOUS WORK EXPERIENCE

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|----------------|---------------------------------|--------------------------|
| Mar'17- Nov'19 | Tech Mahindra, Bangalore | Senior Software Engineer |
| Sep'16- Feb'17 | Thomson Reuters, Bangalore | Software Engineer |
| Jun'15- Jun'16 | Sidsoft Technologies, Bangalore | Software Engineer |