Vidya Sagar

ENGINEERING MANAGER | AGILE | SCRUM | TOGAF 10 | Generative AI

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Engineering Manager with expertise in design, development and delivery of scalable, secure, and Enterprise web architectures. Experienced in connecting technology with business value and driving the adoption of best practices. Adept at leading teams, mentoring developers, and collaborating with clients to enhance user experience and meet business needs.

Professional Experience: -

- ✓ Senior Engineering Manager with 17+ years of work experience and 9+ years in Delivery Leadership roles.
- ✓ Expertise in Large-scale, highly available Omnichannel Solutions, both in **Green & Brown Field development**.
- ✓ Proficient in **CI/ CD** using **Agile / Scrum** and **Full Stack Development**.
- ✓ Hands on experience with **Monolithic**, **Micro Frontend, Microservices** & **Multi-Tenant** architectures.
- ✓ Expertise in multiple domains like **Digital Banking**, **Insurance**, **IOT, Manufacturing**, **SaaS** and **QSR**.
- ✓ Led **presales** activities while guiding prospects through their **digital transformation** journeys.
- ✓ Expertise in **Design**, **Architecture**, **Performance**, **Digital Transformation**, **Optimization** and **Enhancements**.
- ✓ Led the identification of **AI** opportunities across various business functions, developed a comprehensive roadmap for **AI integration** and drove the POC initiatives for identified **AI opportunities**.
- ✓ Keeping up-to-date with the latest industry trends, upcoming technologies and developments.

Leadership and Mentoring: -

- ✓ Led and mentored multiple Agile teams, fostering collaboration and innovation for successful delivery.
- ✓ Provided technical guidance and support, enhancing team capabilities and project outcomes.
- ✓ Driving continuous improvement initiatives by Measuring, tracking and reporting on **Qualitative and Quantitative engineering metrics** of the Scrum teams on Velocity, Morale and Business.
- ✓ Manage and mentor **distributed development teams** both Full-time and vendors, providing leadership, guidance, and support to foster a culture of collaboration, innovation, and career development.

Technical Delivery: -

- ✓ Analyze, research and **POC** on cutting-edge technologies to evaluate the probability of implementation.
- ✓ Collaborate with cross-functional teams to improve Quality deliverables, innovations & faster time to market.
- ✓ Understand customers business needs/goals and drive successful consulting delivery outcomes through team preparedness, quality delivery, escalation management, overall utilization, and high customer satisfaction.

Client Communication: -

- ✓ Collaborated frequently with clients to understand requirements and provide UI solutions that enhance UX.
- ✓ Articulate technical concepts and solutions to clients, ensuring alignment with business objectives.

Technical Skills: -

- **Development:** Angular JS, Angular 2.x to 14.x, React 17, NodeJS, React Native, HTML 5, CSS3, JavaScript, ES6, TypeScript, Webpack, Gulp, Grunt, Jenkins, Jasmine, Karma, React Testing Library, Bootstrap, Sass
- **Cloud**: AWS, Azure, Vercel
- **Generative AI:** OpenAI, Hugging Face, LangChain, LLamaIndex, Ollama, Prompt Engineering
- **DevOps**: CI / CD, GitLab, Jenkins, Docker, Git, Grafana, New Relic, SonarQube, Kubernetes
- **Exposure**: PHP, .Net, Java, ADA Compliance, Figma, MySQL, Jira, Confluence

Educational Qualification: -

☞ **Executive Program on Business Analytics** from **IIM – Calcutta**.

☞ **Bachelor of Technology** in Computer Science and Engineering from **VITAM College of Engineering**.

Work Experience: -

- Worked as **Senior Engineering Manager – Digital Engineering** in **Inspire Brands** from May 2023 to Apr 2024.

1. Product (s):	**Arby's, Sonic Drive-In, Buffalo Wild Wings**
Technologies:	React JS, React Native, Next.js, NodeJS, Contentful CDN, Nginx, New Relic, Jira, Azure
Role:	Engineering Manager.

Roles & Responsibilities: -

- ✓ Lead **multiple Agile teams** to **design**, **build**, **deliver**, and support strategic commercial initiatives at scale.
- ✓ Mentor and guide Web & Mobile teams, ensuring value-driven business delivery.
- ✓ Collaborate with product owners to understand requirements and provide UI solutions that enhance UX.
- ✓ Perform **Code reviews** to identify the **technical debt**, **reusability**, **vulnerabilities**, **risks** and **code smell**s.
- ✓ Ensure continuous improvements in technical solutions, maintaining alignment with company standards regarding architecture, security, compliance, testing and product direction.
- ✓ Streamline capacity planning and developed schedules for Scrum teams, to align product roadmap.
- ✓ Define team metrics / OKRs and fostered strategic goal achievement.

- Worked as **Associate Director – Digital Consulting** in **Value Labs** from December 2020 to May 2023.

2. Product:	**Hiring Portal** – (An inhouse ATS product)
Technologies:	TypeScript, Angular 13.x, NodeJS, MySQL, Azure AD, Microsoft Graph API's
Role:	UI Architect.

1. Product:	**AiDE** - (An inhouse GPT similar to ChatGPT)
Technologies:	React 17.2, Next.js, Tailwind CSS, Azure AD, Microsoft Graph API's, OpenAI
Role:	UI Architect.

Roles & Responsibilities: -

- ✓ Define and review solutions based on micro Frontends, microservices and multi-tenant architectures.
- ✓ Lead **presales** meetings, showcasing frontend practice capabilities and preparing project architecture, effort estimations and delivery plans as per the prospect.
- ✓ As a Frontend practice head build the practice, projects and accounts by hiring required resources.
- ✓ Review the Architectures for frameworks, libraries, project structure, and best practices used.
- ✓ Document out-of-the-box implementations, and identify the need for accelerators.
- ✓ Evaluate technology stacks, and provided reference architectures, solution proposals, presentations, and timelines required during client onboarding.

- Worked as **Technical Delivery Manager** in **Tripod Software Solutions** from Nov 2019 to December 2020.

1. Product:	**eureQa** (https://www.sayeureqa.com/)
Client(s):	**Oracle, RiverSand, Sony Music**, etc.,
Technologies:	Angular 9, Typescript, Angular Material, LESS, web pack, NPM, AWS
Role:	Individual Contributor & UI Architect.

Roles & Responsibilities: -

- ✓ Re-designed the architecture and Migrated the product **eureQa** using **Micro front-end Architecture**.
- ✓ As an individual contributor written the code, migrated legacy products to **Angular 9**, and **Angular Material**.
- ✓ Developed a process for Single build and multi-environment deployments.
- ✓ Perform Code reviews to identify technical debts and prioritize product backlog to sprint backlog.

- Worked as **Technical Delivery Manager** in **Zenmonics, Hyderabad** from Aug 2018 to Nov 2019.

    1. Product: **Digital One (D1)**
       Client: FIS (Fidelity National Information Services)
       Technologies: Angular 7.x, TypeScript, Angular Material, LESS, AWS
       Role: UI Architect & Technical Delivery Manager.

  Roles & Responsibilities: -
  - ✓ Collaborate with team to deliver multiple Omnichannel banking products: **Banker**, **Beb (Business eBanking), Online Account Opening** and **Teller**.
  - ✓ Migrated products developed on legacy versions of the **AngularJS** to the latest versions of **Angular**.
  - ✓ Re-designed and developed the core Banker framework to comply with **ADA compliance**.
  - ✓ Managed 50+ distributed development teams and resolved Blockers / Impediments.

- **Technical Lead / Architect** in **Wipro Technologies, Bangalore** from May 2015 to July 2018.
    2. Product: **Diversey (Sealed Air)**
       Technologies: TypeScript, Angular 4.x, AWS Python Lambda, GitLab CI/CD
       Role: Technical Lead / UI Architect.

    1. Product: **International Financial Data Services**
       Technologies: JavaScript, AngularJS 1.x, Bootstrap, Webpack, Progress 4GL, AWS
       Role: Individual Contributor / UI Architect.

  Roles & Responsibilities: -
  - ✓ Working along with development & testing team to drive delivery of a product increment within the projects.
  - ✓ As an individual contributor must write the code, perform code reviews and identify technical debts.
  - ✓ Involved in Sprint planning, story grooming and capacity planning with the product owners.
  - ✓ Conducting Agile Ceremonies, updating the Jira and Whiteboard on the task's status and progress.
  - ✓ Responsible for functional and technical track of projects and updating the progress of the stakeholders.

- **Technical lead** in **ExperisIT, Bangalore** from August 2014 to February 2015. (Contract)
- **Team Lead** in **Alahli Holding Groups, Dubai** from December 2013 to April 2014. (Visa Issue)
- **Senior Web Developer** in **Xinthe Technologies, Visakhapatnam** from May 2012 to December 2013.
- **Systems Analyst** in **RenderFX Technologies, Visakhapatnam** from August 2008 to May 2012
- **Program Executive in Commissionerate Rural Development**, Hyderabad from March 2006 to August 2008.

Awards & Achievements: -
- ☞ Recipient of multiple **"Star of the Month"** awards at **ValueLabs**.
- ☞ As a "**Star Performer**" received a cash incentive multiple times for outstanding performance in **Zenmonics**.
- ☞ Received accolades for "**Outstanding Performance**", "**Inspiring Performance**" & "**Round of Applause**" from various clients including **Diversey**, **MetLife**, **IFDS** and **Credit Suisse** in **Wipro**.
- ☞ Contributed to open source communities and technologies like Stack Overflow, WordPress, and Drupal.

Certification References: -
- TOGAF 10: https://www.credly.com/badges/9c8ebd29-0e51-4e62-94e1-5b66fb445ab7/public_url
- Applied Practitioner: https://www.credly.com/badges/26a7cc97-50d5-4151-a702-159e485635ab/public_url
- Responsive web Design: https://www.freecodecamp.org/certification/narikenabilli/responsive-web-design