

**VAMSHI VANGAPALLY**  
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13+ Years of extensive experience as a frontend engineer in building products and designing scalable systems for enterprises in analytics, healthcare, insurance, e-sports and automobile industries. Expertise in building workflows, prototyping, laying out UI architecture, choosing optimal tech stack, design & development of web and hybrid mobile applications, deploying and optimizing for web browsers and various app stores. Having an experience in building products from scratch, working with multiple combinations of front-end and backend services gives this edge over others.

## SKILLS

Leadership	Leading product areas, technical teams, mentoring startups and peers
Web Frameworks & Languages	JavaScript, ReactJS, Angular, Ionic Framework, Bootstrap
Design & Prototyping tools:	Figma, Balsamiq, Sketch, Adobe Illustrator
Database:	MySQL, MongoDB
Visualization tools:	Qlikview, D3 & few other JS charting libraries
Cloud Tools:	AWS EC2, S3, RDS; Docker, Azure, MongoDB, CosmosDB, AzureFunction, SignalR
Others:	Java, Python, RESTful API using NodeJS, MVC, Git, SVN, Jira, Agile

## EDUCATION

Master of Technology (2009-11) in Database & Information Systems IIIT Bangalore, India 3.67/4.0

Bachelor of Technology (2005-09) in Computer Science JNTU Hyderabad, India 77.7/100

## EXPERIENCE

**Fidelity Investments** (Staff Software Engineer– Frontend Systems from August 2022 – Present)

- As part of the digital experience group, developed the new digital experience for the fidelity portfolio summary dashboard, which is the default experience for 23M customers as they log on to fidelity.com.
- I am involved in working with product managers, architecting front-end applications, **GraphQL integrations written in NodeJS** with backend teams, working with UXD to develop front-end experience in **Angular 14 mono-repo**
- Coordinated with external teams integrating in our codebase.
- Spearheaded the pilot and adoption of Fidelity design system, that's defining the next gen applications & design standardization.

**Ernst & Young** (Technical Lead, Architect from May 2021 – Aug 2022)

Migrating existing enterprise application in production to a **ReactJS** application on a modularized plan. Hands on with **React, Redux, SCSS**, REST APIs and RDS (MySQL). This involves working closely with DevOps in handling front-end deployments to pm2 server on EC2 machines hosted on AWS. Also, validating with data on MySQL hosted on RDS.

**Lowe's Companies** (Principal UI Engineer from Apr 2020 – May 2021)

**Next-gen Self-Checkout:** Replacing the legacy NCR based self-checkout systems in all Lowe's stores with hybrid solutions built using **React/Redux and Saga middleware** written in Typescript. Worked on setting up the architecture, react project with best practices in place. Build processes to ensure 100% code coverage, integration tests using cypress.io integrated to Jenkins to ensure seamless deployments into Docker boxes. Deployed to 70 major stores across the US.

**Genuine Parts Company** (Senior UI Engineer from Jun 2016 – Mar 2020)

**Integrated Business Solutions:** In-house application powering NAPA stores at various counties & major airlines for their inventory management, reporting & replenishment. Built this from scratch replacing legacy systems. As a solo UI Engineer, I've worked on UI architecture, usability study and enhancements. Developed using ReactJS interacting with backend services built using thin Spring layer with TIBCO BUS underneath & Oracle database.

**CVS Health** (Senior UI Engineer from Jan 2016 till Jun 2016 in Woonsocket, RI)

**Target-CVS POS system:** With CVS acquiring Target's pharma business, I was a senior member of the team building POS systems for these new pharmacies using AngularJS, web sockets involving multiple touch devices. Backend: Java

**Medi Assist Healthcare Services** (Senior UI Engineer from Jul 2014 till Jan 2016 in Bangalore, India)

Leading a small team with myself being the only front-end engineer doing the wireframes/mockups, building frontend using **ReactJS interacting with RESTful APIs**, leading a team of 3 which includes 2 backend engineers for writing required REST APIs, 1 designer for designing and giving basic HTML/CSS for mockups I provide.

**Medibuddy+** provides real time status of claims being processed at every step, gives a view of operations and finance for corresponding people at hospital. This is being used by 3000+ top hospitals and 5000+ diagnostic centers across India, serving approximately 13 million lives insured with us from 400+ corporates.

**Infinity Marketplace** for health and wellness targeted for corporate employees as well as retail customers, where they can choose a wide variety of healthcare packages, which are either sponsored by corporates or offered by different diagnostic centers.

**Pega Systems** (UI Engineer from Dec 2012 till July 2014 in Hyderabad, India)

**PRPC 7.0:** My role is to be a part of Engineering team dedicated for building the core part of Pega's BPM software called as PRPC. I've worked mostly with Java and Javascript to develop controls for the browser based PRPC interface.

**Enthuse Inc** (Web Engineer from Apr 2012 till Nov 2012 in Hyderabad, India & San Francisco, CA)

**Multiple Projects:** My role was to take care of everything about the company that's related to web. Building Admin tool for partners to provide critical Analytics and fan engagement dashboards as well as developing Micro sites (kind of facebook pages) for partners like University of Miami.

**Thorogood Associates** (Aug 2011 till Apr 2012 in Bangalore, India)

**HSBC Banking (Jan 2011 till June 2011), MeshLabs Inc (Jan 2010 till June 2010)** - 1 year of internship as analyst and technical intern