Shiva Prasad Bomma

Lewisville, TX | [Github](#) | [Portfolio](#) | [(203) 690-4906](#) | [shivab6863@gmail.com](#)

EDUCATION

University of Bridgeport   **Bridgeport, CT**
Masters in Computer Science, GPA 3.67   *August 2015 - May 2017*

Jawaharlal Nehru Technological University   **Hyderabad, India**
Bachelor of Technology in Electronics & Communication Engineering, GPA 3.74   *July 2011 - May 2015*

TECHNICAL SKILLS

Proficient: ReactJS, Redux, React Router, Node.js, GraphQL, apollo-client/server, Express, MS SQL Server, MySql, Firebase, MongoDB, C#, .Net, Blazor, ASP.Net Core, MVC, Entity Framework, Dapper, HTML5, CSS3, Sass, Tailwind CSS, Bootstrap, jQuery, Javascript, TypeScript, Git

Exposure: Angular, WebPack, Axios, Socket.IO, D3.js, Heroku, Azure Devops, IIS, Framer motion, type-orm, Docker, Nginx, Jenkins, Elastic Search, Solr

EXPERIENCE

Metlife Group Inc. | Cary, NC   *February 2022 - Current*
Senior Software Engineer
- *Project Upwise*: Enhanced *Ionic ReactJs* Components performance with the correct use of *HOC, render props* and parent-child DOM updates with *useMemo* and *useCallback* hooks. Appended cron jobs and *function apps* to the existing list on the *NodeJs* backend that communicates with *Cosmos* database
- *Project Pets*: Improvised *Azure Telemetry* logging for a better debugging use case, assisted in migration of push notification setup from firebase to *Azure Notification Hub* and maintained *ASP .NET Core* APIs

Tromberg, Morris & Poulin | Manhattan, NY   *January 2021 - February 2022*
Full Stack Software Developer
- Implemented a highly scalable web application which can organize all the client mandated policies, sub-policies and certifications using *ReactJs, NodeJs, Express, MySql, Tailwind*
- Maintained the codebase with *Azure Devops Repo* and have setup *CI/CD build pipelines* to deploy the applications to different environments

Stephen Einstein & Associates | Manhattan, NY   *September 2017 - January 2021*
Software Engineer
- Migrated the old code base(desktop apps) from *VB6, MS Access Database to C#, .Net, Web APIs and MS Sql Server* and re-designed web applications with *React, Firebase*
- Designed and developed the firm's website in *Angular* and hosted it on *AWS S3*
- Decentralized the business logic into *Rest APIs* to decouple the front-end changes with back-end code. Additionally, secured it with *JWT* authentication(includes access & refresh tokens)

PROJECTS

Portfolio   *November 2021*
- Developed my portfolio website using *ReactJS* UI library and applied animations with *framer-motion*
- Enhanced the design with *tailwind-css* and for typing header effect, I used *typed-js*
- Tracking source code changes with *git/github* and have setup an auto deployment in *Netlify*

Food Ordering System   *October 2021*
- Emulated an online e-commerce system with UI designed in *Figma* and developed using *ReactJS*
- Managed the application state with *apollo client* and communicating with *MySql* database using *GraphQL* and *type-orm*

Chain Reaction   *June 2021*
- A muli-player game developed in *ReactJS, Tailwind* and animated using *framer-motion* with backend code written in *NodeJs*
- Communication among the players is achieved through the *socket-io client* and *server*

Scalable Big Data Package Delivery System   *August 2017*
- Developed a web application using *Angular 7* based off of *k-medoids* clustering algorithm that takes bird's eye view or driving distances between the delivery locations to efficiently assign them to *n* drivers
- A distance matrix is generated with *Bing Maps* and made about 150,000 transactions using *REST API* calls