Gautam Somappa

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Work Experience

Built Technologies, Remote   *June 2023 – present*
Senior Software Engineer

- Revamped the Draw management process, enhancing user experience and enabling customers to manage their Commercial Real Estate Portfolios more efficiently, which contributed to a 20% decrease in average Draw turnaround time.
  Technical Stack: Typescript, React, NestJS, Graphql, DynamoDB, Kubernetes

Twilio, Washington DC   *May 2022 – April 2023*
Software Engineer (L3)

- Spearheaded the UI development for Twilio's Serverless Functions & Assets, leading to a 25% increase in user engagement and a 40% growth in Serverless function deployments within the first six months.
- Enhanced Twilio's CodeExchange platform by implementing user-friendly templates that expedited development processes, resulting in a 35% reduction in average project start-up times and a 50% increase in template usage.
- Orchestrated the creation and implementation of comprehensive end-to-end (E2E) testing procedures, resulting in a 30% enhancement in application stability and reliability. Developed and integrated sophisticated Datadog metrics and dashboard visualizations, which were instrumental in reducing system downtime incidents by 20%.
  Technical Stack: Typescript, React, Redux, React Testing Library, Cypress, Docker

Walmart Labs, Washington DC   *June 2018 – April 2022*
Software Engineer III

- Pioneered a dual-platform solution with React Native for in-store and React for online users, automating mobile phone purchase and activation. This achieved a 30% reduction in activation time by automating integration with network carriers, which streamlined the purchase-to-activation process for customers.
- Architected a robust data graph management hub leveraging Apollo GraphQL Federation, facilitating a cohesive service registry, dynamic service discovery, and efficient schema stitching. This initiative optimized data aggregation and accessibility for developers, consolidating multiple data endpoints into a singular, coherent source.
- Developed and launched a React Native application for incident management across all stores, resulting in streamlined in-store processes and contributing to an estimated $4 million in actuarial cost savings.
  Technical Stack: Typescript, Node, React, React Native, Redux, Graphql, PostgreSQL

Education

University of Virginia, Charlottesville   *May 2018*
Master of Science, Computer Science *(GPA:3.80/4.00)*

Amrita University, India   *May 2015*
Bachelor of Technology, Computer Science

Skills

- **Languages:** TypeScript, JavaScript, Python.
- **Frameworks & Libraries:** React, Node, NestJS, Redux, React Native, Next.js, Express, Apollo Graphql, React Testing Library, Jest.
- **Databases:** PostgreSQL, DynamoDB, MySQL, MongoDB.
- **Tools:** AWS, Vite, Webpack, Docker, Kubernetes, Prometheus, Jenkins, Datadog, Cypress, CircleCI.