Shubhankar Valimbe

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EDUCATION

University at Buffalo   Buffalo, NY, USA
Bachelor of Science in Computer Science   *August 2019 – May 2023*

TECHNICAL SKILLS

Languages	:	Python, JavaScript, HTML, CSS, TypeScript, SQL, Scala, Solidity, C, Java, Go
Frameworks and Libraries	:	React.js, Node.js, Express.js, Flask, Next.JS, MySQL, MongoDB, SCSS, Gatsby, Django, PostgreSQL, Vue, Angular, Bootstrap, Ajax, jQuery, Redux, Websockets, GraphQL, Jest
Technologies	:	Docker, Jenkins, Azure, GitHub, Figma, VS Code, Jupyter Notebooks, Intellij IDEA

EXPERIENCE

The Donovan Org   Oct 2023 – Present
Software Engineering Manager   *Remote*

- **Led 7 full stack developers** in the successful delivery and deployment of **15 new features**, resulting in a **20%** increase in positive user feedback and an additional **25 minutes** in average session duration of each user.
- Established **mentorship initiatives** and knowledge-sharing sessions within the team and implemented a streamlined **task management system** that resulted in a **20%** reduction in project completion times.
- Implemented server-side rendering *(SSR)* with **Next.js**, resulting in a **40%** improvement in page load times and optimized critically rendered paths and data fetching, leading to a **20%** decrease in bounce rates.
- Implemented cost-saving measures in **Azure DevOps** which resulted in a **$5,000 reduction** in infrastructure costs.

University at Buffalo   Aug 2023 – Oct 2023
Full Stack Engineer   *Remote*

- Successfully led the migration of a client-side **React** application from JavaScript to **TypeScript**, resulting in a **20%** reduction in runtime errors and a **15%** improvement in overall code maintainability.
- Implemented **Docker** containerization for **Flask microservices**, accommodating a **50%** increase in concurrent user requests without compromising performance.

The Research Foundation for SUNY   Feb 2023 – June 2023
Lead Full Stack Engineer   *Buffalo, NY*

- **Led a team of 3 developers** in building **React** components and integrating API endpoints with **Flask** REST framework, achieving a **20%** reduction in API response times and enhancing user experience.
- Implemented a **MySQL** database to store logs which led to a **40%** improvement in query performance and employed **SCSS** for CSS preprocessing, improving page loading speed by **15%**.
- Accelerated the development with **agile** methodologies, decreasing the product launch timeline from **7 months to 3.5 months** and set up **CI/CD** pipelines for deployment with **Docker**, reducing the release cycle by **20%**.

Ace Financial Services   May 2020 – Feb 2023
Full Stack Developer   *Hybrid – Pune, India*

- Developed a **React** component library, reducing the web development process time by **70%** and enabled smooth navigation within the portal through the implementation of **React Router**.
- Enabled **real-time financial data** updates for a client-management portal through **Express.js**-powered RESTful endpoints and **Websockets**, improving client satisfaction by **65%**.
- Designed **middleware** functions in **Express.js** to handle **authentication** and **authorization** and reduced slow-running **MongoDB** queries by **30%** through performance tuning and query optimization efforts.

PROJECTS

Sorting Visualizer	:	Deployed a sorting visualizer in JavaScript, HTML & CSS to interactively visualize sorting algorithms.
Quizzer	:	Designed a quiz app in React and Json-server to help prepare for technical interviews.
Twitter Dashboard	:	Created a Twitter analytics dashboard with Vue, Flask, and **Twitter API** to visualize key metrics.