

Bhupesh Chikara

Senior Software Engineer
New York

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Professional summary

Senior Software Engineer with 4+ years of experience in crafting innovative web applications and dashboards. Adept in leveraging modern JavaScript frameworks and cloud technologies to enhance user experience and operational efficiency, resulting in significant improvements in interaction rates and decision-making speed. Passionate about pioneering new solutions and committed to driving advancements in technology to foster growth and excellence.

Employment history

Deloitte | Senior Software Engineer

Feb 2021 - Jan 2024

- Designed and implemented custom responsive fragments and dashboards for Deloitte Insights using React.js, Redux, Custom hooks, and Context API, resulting in a 35% increase in user interaction rates.
- Leveraged D3.js to enable real-time exploration of charts, graphs, and maps within dashboards, reducing decision-making time by 25%.
- Integrated Three.js for 3D data visualisations, enhancing overall user experience and data accuracy by 20%.

ToTheNew Pvt. Ltd. | Software Engineer

Feb 2020 - Mar 2021

- Engineered front-end solutions, including a COVID-19 dashboard and e-commerce platforms, using Angular 4 and RxJS, which improved client satisfaction for PWC.
- Architected the TCH channel studying portal using Angular 4, REST API, and RxJS, enhancing the learning experience for users.
- Implemented RxJS for handling asynchronous tasks, reducing loading times by 50% across key application features; this enhancement improved overall customer satisfaction and increased retention rates among users by 15%.

Smart Joules Pvt. Ltd. | Software Engineer Intern

Sep 2018 - Dec 2019

- Created various applications, such as D3 dashboards, multi-select autocomplete, and D3 charts.
- Developed an open-source NPM module for multi-select autocomplete, fostering code reusability and promoting best practices, leading to a 40% increase in community contributions.
- Applied Angular and RxJS in constructing D3 dashboards, enhancing functionality and responsiveness.

Projects

Procode

- Enhanced developer workflow by designing an AI-driven PWA with React, Node.js, and DeepSeek for coding assistance; reduced average debugging time by 2 hours per developer per week.
- Accelerated user learning through an AI-driven avatar SDK, delivering tailored support and immediate feedback; the initiative resulted in 95% positive user satisfaction ratings.
- Launched an interactive coding environment featuring Judge0 API, enabling real-time execution feedback and progress tracking.

LaCarte

- Developed a React and Redux-powered restaurant app for seamless order placement via QR code scanning, leading to a 20% increase in order processing efficiency.
- Revamped backend infrastructure with Firebase Cloud Functions, automating image compression and reducing storage costs by 30% and improving app loading times by 2 seconds for users.
- Incorporated charts and graphs using D3.js in the restaurant dashboard, offering insights for efficient order management.

Automated Job Application Assistant

- Engineered a Python automation tool integrated with Selenium to populate job applications on 20+ ATS platforms, freeing up 10+ hours per week for candidates to focus on interview preparation.

- Integrated OpenAI’s GPT model to analyse job descriptions and create tailored application documents, reducing the time spent per application from 45 minutes to under 5 minutes.
- Orchestrated the MongoDB implementation for tracking application progress, pinpointing system errors, and capturing user interactions.

Skills

Angular	React
Next.js	TypeScript
Redux	Node.js
GraphQL	D3.js
Three.js	DynamoDB
Firebase Cloud Functions	AWS Lambda
AWS S3	Python
Data Structures and Algorithms	System Design

Links

<u>LinkedIn</u>	<u>Portfolio</u>
<u>Github</u>	

Education

Master of Science in Computer Science | Syracuse University | Syracuse, NY
Jan 2024 - Dec 2025