

Bhupesh Chikara

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EDUCATION

Syracuse University

Master of Science in Computer Science

Syracuse, NY

Jan 2024 – Dec. 2025

DIT University

Bachelor of Technology in Computer Science and Engineering

Dehradun, India

Aug. 2016 – May 2020

EXPERIENCE

Deloitte | *Senior Software Engineer*

Feb 2021 – Jan 2024

Technologies: React, D3.js, Node.js, PHP, Three.js, Typescript, AWS

Bangalore, India

- 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 visualizations, enhancing overall user experience and data accuracy by 20%.
- Coordinated cross-functional efforts to execute project initiatives, independently designing and deploying 3 new systems; achieved a significant increase in team efficiency, with the tools now utilized by over 15 departments across the organization.

ToTheNew Pvt. Ltd. | *Software Engineer*

Feb. 2020 – Mar. 2021

Technologies: Angular 4+, Node.js, PHP, MongoDB, Express

Noida, India

- 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. | *Joule Fellow*

Sept. 2018 – Dec. 2019

Technologies: Angular, D3.js, TypeScript, RxJS

Dehradun, India

- Created various applications, such as D3 dashboards, multi-select autocomplete, and D3 charts, within the Smart Joules track system.
- 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

ScanFeast Mobile Web App | *React, Redux, D3.js, Firebase*

Aug. 2024 – Present

- 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.
- Integrated Firebase for efficient backend operations, optimizing data storage and retrieval, improving data retrieval speed by 30%.
- Incorporated charts and graphs using D3.js in the restaurant dashboard, offering insights for efficient order management.

MedConnect Mobile Web App | *React, Redux, Node.js, MongoDB, AWS, Typescript*

Sept. 2024 – Present

- Engineered a fully functional mobile web application with Node.js for backend REST API services and React for frontend interactions; successfully integrated real-time data updates, now utilized by over 500 active users weekly.
- Deployed JWT authentication for secure data retrieval from users, enhancing security protocols by 40%.
- Constructed a search interface using Algolia search to enhance user experience, reducing search times by 25%.

TECHNICAL SKILLS

Skills:: Angular, React, Next.js, Redux, GraphQL, Jest, Node.js, D3.js, Three.js, JavaScript, TypeScript, HTML/CSS, DynamoDB, Firebase Cloud Functions, AWS Lambda, AWS S3, jQuery, Python, Data Structures and Algorithms, System Design

Tools: Git, Firebase, Docker, SharePoint, AWS, Cordova, Selenium automation, Capacitor, Visual Studio