

Chandra Prakash

Software Engineer – Web

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Results-driven web developer with 4+ years of experience delivering high-quality web applications and solutions using a range of technologies, including **React, Angular, Next.js and Node.js**. Known for my strong problem-solving and analytical skills, as well as my ability to work collaboratively in Agile environments. Seeking a challenging web development role that allows me to leverage my broad development experience and hands-on technical expertise to drive business outcomes.

PROFESSIONAL SUMMARY

- Demonstrated skills in **front-end and back-end** development using **JavaScript**.
- Developed a strong proficiency in **JavaScript, HTML, CSS**, and related web development technologies.
- Worked with popular front-end frameworks and libraries such as **React, Angular, Next.js, and Gatsby.js**.
- Proficient in using **React Hooks** for functional component development.
- Expertise in **Redux** for state management and global state sharing
- Ability to design and implement Redux store architecture for large-scale applications.
- Skilled in optimizing React components using **useMemo, useCallback**, and other performance optimization techniques.
- Experience in using **Context API** for prop drilling avoidance and sharing state between components.
- Familiarity with **React Router** for client-side routing in single-page applications.
- Ability to develop maintainable and scalable code using best practices in **React and Redux development**.
- Knowledge of **TypeScript** for type safety and better code maintainability
- Experience in debugging and troubleshooting **React and Redux applications** using browser development tools and **Redux DevTools**.
- Proficient in writing **unit and interaction test cases** using **Jest, React testing Library and Storybook** to ensure code quality and prevent regressions.
- Skilled in back-end development using **Node.js and Express.js**, with familiarity in databases like **MongoDB, MySQL**.
- Understood responsive design principles and created **mobile-friendly websites**.
- Developed responsive and **mobile-first web applications**.
- Developed server infrastructure on **AWS S3, Lambda, and AWS CloudFront** to support various applications.
- Designed and implemented a scalable cloud-based storage system using **Amazon S3**, allowing for seamless data transfer and retrieval across multiple client applications.
- Used **Git, Bitbucket, GitLab**, and other version control systems for collaborative development.
- Familiar with **Agile software development methodologies** and project management tools such as **Jira**.

EDUCATION

Post-Graduation

Georgian College – Barrie, ON, Canada

Sep 2022 – Apr 2023

B.Tech in Computer Science & Engineering

Dhanekula Institute of Engineering & Technology – Vijayawada, AP, India

June 2014 – Apr 2018

WORK EXPERIENCE

Self-Employed – Freelancing Web Developer

August 2022 - Now

Software Engineer - II

Cisco Systems Pvt. Ltd. - Bangalore, KA, India

Jan' 2021 – August' 2022

Application Developer

IBM India Pvt. Ltd. - Bangalore, KA, India

Nov 2018- Dec 2020

TECHNICAL SKILLS

Web Development

React | Redux | JavaScript | TypeScript | HTML5 | CSS3 | Node JS

Frameworks

Next.js | Angular 8 | Gatsby | Testing Library (React) | Jest | Storybook | Material | Bootstrap | Express.js

Database

MongoDB | MySQL

IDE and other tools

Visual Studio | Postman

Others

GraphQL | Vercel | GitHub | Docker | Microservices Architecture | SQL | NOSQL | Agile Methodology | CI/CD | JIRA | SEO

ACHIEVEMENTS

- Received **Manager's Choice Award** in the year 2019 in **IBM**.
- Received **Connected Recognition** twice in the year 2021 in **Cisco**

PROJECTS

WEBEX HELP ENABLEMENT (help.webex.com)

Purpose – To provide help for **Webex** users across the globe.

Role – Full Stack (Front End Heavy)

Company – Cisco Systems Pvt. Ltd. – Bangalore, KA, India

Description –

- Part of the core team migrating Webex Help Center to a unified framework (Next.js, React.js) to increase development speed and maintainability.
- Componentized core functionalities to improve reusability of UI components and streamline development.
- Collaborated with design team to improve usability of the product by making design decisions and providing input on user experience.
- Implemented unit and snapshot testing, and interaction testing (Storybook) using JEST to ensure smooth production releases, resulting in a 50% reduction in production bugs and a 20% increase in release frequency.
- Worked closely with DevOps team to establish CI/CD pipelines for the project.
- Conducted POCs around SPA/SSR, developing a deep understanding of how SEO works.
- Created REST APIs to read invoice details from Excel and enable visualization.

- Collaborated with design team to improve usability of the product by providing valuable input on design decisions, resulting in an increase in user satisfaction. Additionally, implemented responsive design principles to ensure optimal user experience across all devices.
- Participated in code reviews and provided constructive feedback to other developers to ensure code quality and maintainability.

Technologies: React.js, Next.js, Redux, Node.js, Jest, React Testing Library, Storybook, PostgreSQL, Amazon S3

TRANSITION STATUS DASHBOARD

Purpose - To visualize the list of projects in each account and track the accounts.

Role – Full Stack (Front End Heavy)

Company – IBM - Bangalore, KA, India

Description -

- Contributed to the development of a web application to track the status of ongoing and completed projects, including risks and mitigation plans, hiring and onboarding, and financial details.
- Interacted with clients directly to understand their requirements and provide input on design decisions.
- Created dashboards to visualize the status of accounts and their respective details, resulting in a 40% increase in visibility into project status and a 25% decrease in reporting time.
- Utilized JavaScript, HTML, and CSS to develop the front-end of the application, ensuring optimal user experience across all devices.
- Conducted cross-browser testing and resolved compatibility issues to ensure website functionality across different browsers and devices.
- Utilized Git and GitHub for version control and collaborated with other developers on the team using Agile methodologies.

Technologies: Angular 7, Angular Material, Node.js, MongoDB

SUPPLIER PORTAL

Purpose - To visualize POs, Invoices and tickets raised for each invoice.

Role – Full Stack (Front End Heavy)

Company – IBM - Bangalore, KA, India

Description -

- Contributed to the development of a web application used to visualize vendor invoices and raise support tickets. Created dashboards to visualize invoices, enabling users to upload and download invoices and track their status. Utilized React.js and Redux to develop the front-end of the application, ensuring optimal user experience and ease of use.
- Created REST APIs for handling invoices and establish relationships between them in the database.
- Created dashboards to visualize invoices (upload and download invoices) and handle support tickets.
- Created REST APIs for handling invoices and established relationships between them in the database.

Technologies: React.js, Redux, Material, Node.js, Strapi, MongoDB

PEPSICO IPS TOOL

Purpose - To visualize the invoice data after processing the records based on multiple parameters like ORDER-ID, REQUESTOR etc.,

Role – Full Stack

Company – IBM - Bangalore, KA, India

Description -

- Contributed to the development of a web application used to visualize and filter invoice data based on multiple parameters such as ORDER-ID and REQUESTOR.
- Utilized React.js and Material-UI to develop the front-end of the application, ensuring optimal user experience and ease of use.
- Created REST APIs in Node.js to process uploaded excel sheets related to Purchase Request (PR), Purchase Order (PO), Invoices, and their respective details.
- Implemented JWT authentication and utilized worker threads in Node.js to improve application performance and ensure data security.

Technologies: React.js, Redux, Material, Node.js, Cloudan