Chandradeep Yadav
Senior Product Engineer

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Professional Summary

I possess 7 years of Developer experience in Full Stack Development, looking for a challenging role in an organization, where I can learn and use my technical skills to fulfil the company assignments, and products and deliver high-performance applications as expected by the client.

Skills

Front-end technologies:	Angular 8+, React.js, Next.js, React Native, Ionic, Redux, Context API, NgRx Store, JavaScript, TypeScript, HTML5, CSS3
UI/UX Libraries:	Material-UI, Bootstrap, Tailwind CSS
Back-end & Database:	Node.js, Express.js, Next.js, Python, FastAPI, RESTful APIs, PostgreSQL
DevOps, Tools & Platforms:	Docker, CI/CD, GitHub, Azure DevOps
Build Tools:	Vite, NPM
Version Control:	GitHub, Bit Bucket, Redmine

Professional Experience

MathCo [Senior Product engineer]   July, 2023 - Present

- Lead a front-end team of six developers, managing task allocation, performance, and delivery timelines.
- Worked as a full-stack developer, building and maintaining front-end and back-end components of web applications.
- Developed responsive front-end interfaces using **React.js, Next.js, Ionic**, **CSS**, and **Bootstrap**.
- Designed and implemented RESTful web services for dynamic data manipulation.
- Collaborated with clients to understand business requirements and translated them into technical solutions.
- Optimized web assets for speed and performance across browsers and devices.
- Leveraged various libraries and frameworks to implement scalable features and maintain code quality.
- Worked in an **Agile (Scrum)** environment, delivering updates to stakeholders and ensuring project alignment.

MathCo [Associate]   Oct, 2020 - July, 2023

- Led the development of a **Progressive Web App (PWA)** in React.js to display real-time data and company news across multiple device types.
- Built a secure **admin panel with RBAC (role-based access control)** in React for user and access management.
- Implemented dynamic filtering and time-based parameters to enhance data interaction and user experience.
- Developed RESTful APIs using **Node.js**, **Express**, **Next.js, Python,** and **FastAPI** for backend services.
- Designed dashboards using **AmCharts** and **Plotly**, incorporating drill-down capabilities for large datasets.
- Integrated **Microsoft SSO** with cookie-based token authentication to enhance user security and seamless access.
- Analyzed user engagement via **Microsoft Clarity** for iterative UX improvements in a **React + Vite** application.

- Secured applications using protected routes and authentication mechanisms with **Context API** and **React Router**.
- Deployed projects using **Azure Repos**, and **GitHub Workflows**, optimizing CI/CD processes.

BizRuntime [Software Engineer]   July, 2018 – July, 2020

- Developed **Single Page Applications (SPAs)** using **Angular 8+**, focusing on multi-view routing and component design.
- Used **TypeScript**, leveraging features like classes, interfaces, and decorators.
- Implemented parent-child component data binding and component communication patterns.
- Designed responsive layouts using **Angular Material**, **Flexbox**, and **CSS Grid**.
- Built applications with advanced routing, lazy loading, auth guards, and nested routing structures.
- Utilized **HttpClient** and **HTTP Interceptors** for token-based authentication.
- Managed application state using **NgRx Store** and selectors.
- Collaborated directly with clients to gather requirements and translate business needs into technical features.
- Involved in client-side validation, backend bug fixing, and SQL query handling based on tasks, bugs, and user stories.
- Used **Bitbucket** and **Redmine** for defect tracking and code versioning.

Projects

1. MARS - PDP (MathCo)   **Aug, 2025 - Present**
2. Cortex (MathCo)   **Nov, 2024 - Aug, 2025**
3. ALMA (MathCo)   **July, 2022 - Nov, 2024**
4. Abbott - Market Mix Model (MathCo)   **Jan, 2022 – July, 2022**
5. MARS - Market Mix Model (MathCo)   **Oct, 2021 – Dec, 2021**
6. MARS - Mars Staff Augmentation (MathCo)   **July, 2021 – Oct. 2021**
7. MARS- Mission Control (MathCo)   **Oct, 2020 – July, 2021**
8. Field Data Capture in Oil and Gas Industry Mobile App (BizRuntime)   **Jan, 2020 – July, 2020**
9. Field Data Capture in Oil and Gas Industry (Bizruntime)   **July, 2018 – Jan, 2020**

Educations

ABDUL KALAM TECHNICAL UNIVERSITY (AKTU)   **2012 - 2016**
BBDNITM, B.Tech(CS)