CHIRAG KUMAR

SOFTWARE ENGINEER (4+ years)

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WORK EXPERIENCE

Stryker
Senior Software Engineer

Gurgaon
August 2024 - Present

- Develop the front for a mini search engine in React/Redux by utilizing Azure Cognitive Search and integrated SSO with Azure AD for Telstra which boosted customer satisfaction by 27%.
- As a part of creating the next gen pipeline wizard, created the inline sequence builder V2, integrated the various steps (Manual and Auto Email, Tasks, Phone call, etc) creating a dynamic form using React-Hooks-Form and Zod.
- Built a real-time notification system using React, Next.js, Azure Notification Hub, and Azure Functions to deliver in-app and browser push notifications.
- Leveraged service workers and PostgreSQL to manage subscriptions and persist notification history, improving user engagement and operational efficiency by 30%.
- Followed OWASP security principles in API development. Ensured secure authentication flows using JWT, Azure AD, and 2FA.
- Integrated Azure AD authentication and authorization using MSAL React and NextAuth.
- Developed backend APIs and managed server logic using Node.js, improving system performance.
- Utilized TypeScript across frontend (React) and backend (Node.js) to improve code quality and reduce runtime errors.
- Implemented role-based user permissions for read, update, and delete access across different pages.
- Set up CI/CD pipelines using GitHub Actions for automated testing and deployment workflows

Sourcefuse
Software Engineer

Remote
May 2021 - July 2024

- Developed a comprehensive storybook UI library using React to showcase platform functionalities and user interface components.
- Implemented microfrontend architecture in React, modularizing the application into smaller, independent parts for improved scalability and development efficiency.
- Implemented Test Driven Development (TDD) practices, authoring unit test cases to enhance code quality and reliability.
- Added a robust Two-Factor Authentication(2FA) feature making use of AWS Cognito service
- Gained exposure to AWS stack, leveraging serverless architecture with services like Lambda, S3, SQS, Cognito, SNS, Event Bridge as scalable Web development resulting 30% cost cutting.
- Worked on writing APIs and Lambdas, followed microservices architecture, and implemented a multi-tenant system in a web app powered by Loopback.io, Postgres, React, and Redux

EDUCATION

Noida Institute of Engineering and Technology
B.Tech Computer Science *GPA: 8.2*

2017 - 2021

SKILLS

Frameworks:	Node js, React, Redux, Tailwind, Scss
Programming languages:	Typescript, SQL, Python, Javascript
Databases:	Postgres, MySql
Devops & others:	CI/CD, AWS, Aure, Docker, Kubernetes, Git

CERTIFICATIONS

Microservices Professional Certificate

Kong
May 2025

Docker Foundations Professional Certificate

Docker
May 2025

Frontend Expert

AlgoExpert
Feb 2025