

# Abhishek Kumar Aman

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## WORK EXPERIENCE

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**Software Engineer, Micronsure Consultancy PVT LTD, Hyderabad** April 2022 - March 2024

- **Modern Technology:** Streamlining user interfaces with Material UI and **React.js** for an insurance portal. Timesheet and Leave Management Systems.
- **Module Overhaul:** Overhauling the Policy Endorsement module for error rectification.
- **Productivity Boost:** Optimizing the Business Development and Quotation Management System (BDQMS) flow to enhance team productivity.
- **Utils:** Created a frontend component library for insurance landscape according to the hybrid design system.
- **Cloud Tech:** Used Elastic Beanstalk and EKS on AWS to manage the application server instances. Also used AWS Lambda to write serverless functions.

**Software Engineer, Whizzy Logistics Pvt Ltd, Hyderabad** Jan 2022 - March 2022

- Successfully designed and implemented internal tools, such as Excel file upload to database, enhancing operational efficiency by 25%.

**Project Engineer, Wipro Limited, Hyderabad** Nov 2020 - Dec 2021

- **Data Integration:** Devised data integration and microservices architecture.
- **API Design:** Customized Restful API design and development.

## SKILLS

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Programming languages	Javascript, Typescript, Java, C++, Python, CSS, HTML5
Tools/Frameworks	NodeJS, ReactJS, Redux, NextJS, SpringBoot, .Net, MUI, Tailwind CSS
Databases	MySQL, MongoDB, PostgreSQL
Cloud Skills	AWS (S3, EC2, EBS, EKS, CloudFlare)
Others	Firebase, Vercel, Docker, GitHub, Gitlab, Azure TFS

## PROJECTS

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### Crypto Exchange

Developed a comprehensive cryptocurrency exchange using Next.js, facilitating secure real-time trading with Socket.io and robust user authentication through NextAuth.js. Utilized Prisma and PostgreSQL for efficient database management, ensuring data integrity and performance. Designed a responsive, user-friendly interface with Tailwind CSS. Integrated blockchain APIs for seamless cryptocurrency transactions.

### ChatBot App

Developed a personal assistant chatbot using ChatGPT with a tech stack comprising Node.js, Express, and the OpenAI API. Integrated NLP for seamless interaction, implemented context management for personalized responses, and ensured data security. Enhanced user experience with a responsive design using React.

## EDUCATION

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2016 - 2020 B. Engg (CSE) at **Chandigarh University**