

# Kundan Kumar

Full Stack Developer with 3+ years of experience in designing scalable web applications using MERN stack, AWS, and REST APIs. Passionate about building efficient and maintainable systems that solve real-world problems.

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## WORK EXPERIENCE

### Software Engineer L2 Gemini Solutions Pvt. Ltd

01/2022 - Present

Gurugram, Haryana

Achievements/Tasks

- **Full Stack Proficiency** : Successfully undertook **end-to-end development** responsibilities, seamlessly transitioning between **frontend** and **backend** technologies. Applied **React** for **dynamic** and **responsive user interfaces**, while utilizing **Node** and **Express** for **server-side logic**.
- **Database Management** : Leveraged **MongoDB** for **efficient data storage and retrieval**, ensuring **optimal performance** and **scalability**. Applied **effective database design principles** to enhance overall **system efficiency**.
- **Cross-Platform Development** : Exhibited **versatility** in **cross-platform frontend development** using **React**, delivering **seamless experiences** across various **devices and platforms**.
- **Cloud Integration** : **Adept in cloud technologies**, particularly **AWS**. Leveraged **Lambda functions** for **serverless computing** and **Step Functions** for orchestrating **multi-step workflows**, resulting in **scalable** and **cost-effective solutions**. Successfully resolved **AWS payload size issues**.
- **Project Delivery** : Consistently met **project timelines** with a commitment to **high-quality deliverables**. Focused on **precision** and **accuracy** in all aspects of development to ensure **client satisfaction**.
- **Collaborative Problem Solving** : Successfully **optimized and developed APIs** to process **30,000 policies at once**. Engaged in **collaborative problem-solving** within **agile development environments**. Worked closely with **cross-functional teams** to **troubleshoot issues**, **implement enhancements**, and ensure **project success**.
- **Mentoring and Debugging** : **Mentored interns**, providing **guidance** in **professional learning** and **debugging practices**, fostering a **collaborative environment** to enhance the overall **team's capabilities**.

### Frontend Developer Intern Ace Overseas Education Consultants

03/2021 - 09/2021

Achievement/Tasks

- As a **Frontend Developer**, I successfully achieved a significant milestone of empowering 50 Mental Health Professionals by enhancing their online presence. My role involved **meticulously designing** and **crafting UI components** across various projects, leveraging a diverse set of technologies including **HTML**, **CSS**, **JavaScript**, **Bootstrap**, and **REACT** to deliver **exceptional user experiences**.

## EDUCATION

### Bachelor of Technology Maharshi Dayanand University, Gurugram

08/2018 - 07/2022

8.45 CGPA

### Higher Secondary Examination Kendriya Vidyalaya AAI Rangpuri, New Delhi

05/2018

72.8%

### Secondary Examination Kendriya Vidyalaya Vasant Kunj, New Delhi

05/2016

10 CGPA

## SKILLS

Nodejs

Express

Mongodb

AWS

Step function

Lambda function

Tailwind

Javascript

Typescript

HTML 5

CSS

Bootstrap

React

Git

API integration

API

Redis

API Gateway

Jest

Docker

## PROJECTS

### 1. SpeedBIZ (01/2022 - 08/2023)

- Sole proprietor owner for the **development** of new **products** (Rocksolid and Term Plan), which is being used by various users of speedBIZ.
- Sole owner of various **features** and **UI components** of speedBIZ.
- **Built** various **data handling APIs**.
- Worked on **VAPT issues** shared by the client on various portals related to speedBIZ.
- Responsible for **UAT** and **Prod deployments**.

### 2. Group Product (07/2022 - Present)

- **Developed** React **components** to enhance frontend **functionality**.
- **Implemented features** enabling partners to **dynamically generate policies**.
- **Collaborated** on **integrating backend APIs** for **efficient data retrieval** and management.
- Employed **React's state management** to optimize user interaction and data flow.
- Conducted **performance optimizations** and **debugging** to ensure **robust application performance**.
- **Written unit test cases** using **jasmine** and **karma** for the frontend.

### 3. EDI Validator and SPA (08/2023 - Present)

- **Developed** products such as **GOTG** and **GDG** for issuing **group policies** for both domestic and overseas travel, streamlining the insurance process.
- **Designed and implemented** an **authentication layer** for over **60 APIs**, enhancing **security** and **access control**.
- **Created APIs** to process data from Excel, automating policy issuance and **reducing processing time** by **50%**.
- **Developed AWS Step Functions and Lambda functions** to implement a decision-based **architecture**, enhancing workflow **automation** and **efficiency**.
- **Successfully** achieved to process more than **30,000 policies** in **less than 9 minutes**.
- **Integrated third-party APIs** to facilitate product journey.
- **Wrote unit test cases** using **Jest**, achieving **72% test coverage** to ensure code reliability and quality
- **Successfully optimized** the processing time for issuing group insurance, resulting in increased efficiency and streamlined operations.
- **Implemented analytics** for getting useful insights and **performance** of each product and related API's.
- **Optimized the codebase** by implementing **best coding practices**, resulting in improved code **efficiency** and maintainability.