

# Anil Kumar Nayak

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## SUMMARY

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Highly skilled MERN stack developer having 2+ years of experience in designing and developing robust web applications. Proficient in Front-end and Back-end technologies including React.js, Node.js, MongoDB and Express.js. Strong understanding of responsive design principle and cross-browser compatibility. Ability to meet tight deadlines and deliver high-quality code. A collaborative team player dedicated to ensuring seamless user experiences and designing scalable solutions.

## KEY SKILLS

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- Experience in developing and maintaining web application using MERN stack (MongoDB, Express.js, React.js, Node.js).
- Proficient in Frontend technologies such as HTML, CSS, JavaScript.
- Strong knowledge of database design, implementation and optimizing using MongoDB.
- Experience in design and developing RESTful APIs using Node.js and Express.js.
- Proficient in React.js for building user interfaces and state management.
- Familiarity with modern frontend build pipeline and tools.
- Experience in implementing test driven development (TDD) and write unit tests using framework such as Jest and Mocha.
- Ability to debug and resolve issues in existing codebase.
- Strong problem-solving skills and attention to details.
- Collaborate with cross functional teams to define, design and ship new feature.
- Stay updated with emerging technologies and bring new ideas to the development team.
- Work in an agile development environment, attending daily standup meetings and providing updates on progress.
- Ensure the application is optimized for maximum performance and scalability.

## EXPERIENCE

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### ADRET INFOTECH INDIA PVT Ltd.

Feb 2022 - Present

*Software Engineer*

*Bengaluru*

- Implemented MVC architecture using Node.js and Express, improving API response time and reducing server load.
- Optimized MongoDB database queries, reducing page load times and enhancing overall application performance.
- Designed and implemented responsive user interfaces with React, leading to improvement in user satisfaction scores.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.
- Worked with Google Firebase to manage user inputted data across multiple platforms including web and mobile apps.
- Contributed to the adoption of agile methodologies improving team productivity through iterative development cycles.

## TECHNOLOGY AND TOOLS

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- **Languages:** HTML, CSS, JavaScript, Python
- **Technologies:** React.js, Express.js, Node.js, Bootstrap, Material UI, Firebase,
- **Database:** MongoDB, MySQL
- **API testing tool:** Postman
- **Version control tool:** Git
- **IDE:** Vs Code
- **Concepts:** Data Structures, Algorithms, Data Analysis, Googling, Compiler, Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, Database Normalization, Agile Methodology

## PROJECTS

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### **BILL GENERATOR SYSTEM USING SFTP SERVER** / *React.js, JavaScript, Node.js, Express.js, MongoDB, FileZilla*

- Designed and implemented a web-based bill generator system utilizing a SFTP server.
- Implemented functionality to upload multiple invoice data in TXT format to the SFTP server.
- Designed and deployed a scalable RESTful API using Node.js and Express.js achieving improvement in data retrieval speed.
- Implemented a real-time chat feature using WebSocket and Socket.io, enhancing user engagement and reducing response time.

### **SPOT BID MANAGEMENT SYSTEM**/ *React.js, JavaScript, Node.js, Express.js, MongoDB*

- Developed a data visualization dashboard providing users with real-time insights and improving decision-making processes.
- Developed a Spot Bid Management System featuring a comprehensive bidding functionality.
- Facilitated automatic progression to the next transporter in the bidding queue, optimizing contract allocation efficiency.

### **REJECTION PROTOCOL FEATURE** / *React.js, JavaScript, Node.js, Express.js, MongoDB*

- Implemented a Rejection Protocol feature in the system.
- Implemented automated Feature If a Transporter rejects the request, it automatically proceeds to the next Transporter in the queue, ensuring seamless request fulfillment.

## EDUCATION

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- Bhubaneswar Engineering College (Mechanical) | (2015-19)
- Full stack web development, Almabetter

## PERSONAL PROFILE

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- Name: Anil Kumar Nayak
- DOB:02/12/1997
- Languages: English, Hindi, Odia