

# Anil Kumar Nayak

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## Professional summary

Full Stack Developer (MERN) with 3+ Years of experience building scalable, high-performance web applications. Proficient in React.js, Node.js, Express.js and MongoDB with strong expertise in designing REST APIs, Database optimization, and responsive UI Development. Adept at working in Agile environments, collaborating with cross-functional teams, and delivering solutions that improve performance, user engagement, and scalability.

## Technical Skills

- 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, Material UI, Bootstrap
- 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.

## Work Experience

### **Glosity Technology Pvt. Ltd. Oct 2024 – Present** *Product Developer Bhubaneswar*

- Designed and developed modern UI components using React.js, improving user engagement.
- Integrated Redux-toolkit for efficient state management and optimized front-end performance.
- Built backend APIs with Node.js & Express.js, ensuring scalable and secure data handling.
- Followed Agile methodology with sprint planning and daily stand-ups to enhance delivery efficiency.
- Implemented GitLab workflows for version control, enabling smooth collaboration across teams.

### **ADRET INFOTECH INDIA PVT Ltd. Feb 2022 – Oct 2024** *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

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

## Projects

### **RECRUITER PORTAL** | *React.js, JavaScript, Node.js, Express.js, Document DB*

- Designed and developed a recruiter-focused web application using MERN.
- Implemented secure OTP-based authentication to ensure safe user access.
- Handled both frontend and backend development for seamless and responsive user experience.
- Built recruiter-specific workflows and integrated RESTful APIs for efficient data handling and scalability.

### **SME PORTAL** | *React.js, JavaScript, Node.js, Express.js, Document DB*

- Built a system enabling expert evaluations and detailed reviews of structured interview data. \* Designed features for managing evaluation criteria and feedback, ensuring flexibility and accuracy in assessments.
- Implemented tools for analysing and categorizing content, improving decision-making and reporting efficiency.

### **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 fulfilment.

## Education

- Bhubaneswar Engineering College (Mechanical) | (2015-2019)
- Full stack web development, Almabetter