

Abhilaksh Kohar

Full-stack Developer (3 years)

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EXPERIENCE

Freelancing

August 2024 - October 2025

- Delivered scalable, full-stack web applications using the MERN stack that helped clients launch MVPs faster, streamline business operations, and enhance user engagement through responsive, real-time features.

Software Engineer, Infozech Software Private Ltd

October 2021 - June 2024

- Actively participated in Agile development methodologies, including sprint planning, daily stand-ups, and retrospectives.
- Troubleshooting and debugging issues encountered during development, testing, and production phases. Progressive adoption of hooks, context API, and TypeScript in React.
- Collaborated with cross-functional teams to gather and analyse project requirements, web design, ensuring alignment with business objectives.
- Employed back end asynchronous programming techniques and non-blocking I/O operations in Node.js to handle concurrent requests efficiently, enhancing server scalability and responsiveness by 30%.
- Upgraded to the latest versions of React.js, Node.js and MongoDB, leveraging new features and enhancements to boost application performance by 25%.
- Optimized React components to minimize re-renders and enhance the app's speed by 20 percent, leading to a smoother user experience.
- Developed reusable React components and hooks, which made our development process more efficient and helped keep our projects consistent and well-organized.

Software Engineer Intern, Infozech Software Private Ltd

April 2021 - September 2021

- Earned recognition for quickly adapting to new technologies and methodologies, showcasing learning and growth in full stack development.
- Successfully implemented new features and resolved bugs under supervision, showcasing problem-solving skills.
- Immersed in hands-on learning, mastering MongoDB, Express.js, React.js, and Node.js fundamentals.

PROJECTS

Workflow Builder

October 2021 - June 2024

Developed a scalable workflow builder using React.js for an interactive and modular user interface, with Tailwind CSS and Bootstrap ensuring responsive and consistent styling. The backend, powered by Node.js and AWS Lambda,

SKILLS

Backend Development:
Node.js, REST APIs

Frontend Development:
React.js, Angular.js, JavaScript (ES6+), HTML5, CSS3, Jasmine, Tailwind CSS, Bootstrap, Next JS, Material UI, Redux, jQuery, CSS preprocessors

Databases: MongoDB, Oracle DB, MySQL, SQL

Tools & Version Control:
Git, Docker, npm, Webpack, Jenkins

Cloud & Deployment:
AWS, CI/CD Pipelines

Testing & Debugging:
Jest, Postman

Agile Methodologies:
Scrum, Sprint Planning

EDUCATION

The Technological Institute of Textile & Sciences

B.Tech. in Computer Science Engineering

June 2017 - July 2021

LANGUAGES

Hindi, English

provided efficient data processing and workflow automation. DynamoDB was used for scalable storage, ensuring low-latency access to workflow data. The system dynamically handled business logic for workflow creation, modification, and management.

- **Optimized user input handling**, reducing errors by 25% through a structured form interface.
- **Leveraged Redux** for state management, improving application stability by 30%.
- **Implemented AWS API Gateway** for secure communication between the frontend and backend services.
- **Utilized AWS S3** for storing workflow-related assets, ensuring cost-effective scalability.

Billing Solution

October 2021 – June 2024

Built an automated billing solution using React.js, Node.js, and AWS, enabling dynamic billing generation based on lease agreements. The system processed various business rules, including adjustments for discounts, uptakes, and penalties, while ensuring compliance with legal regulations across different regions.

- **Automated billing statement generation**, reducing manual errors and streamlining processes.
- **Integrated AWS Lambda and DynamoDB**, ensuring high availability and fault tolerance in billing calculations.
- **Incorporated AWS Cognito** for secure authentication and user management.
- **Reduced billing discrepancies by 30%** through automated tax calculations and lease-based adjustments.
- **Deployed the solution on AWS using ECS and Fargate**, ensuring a serverless, cost-effective architecture.

Leasing Solution

October 2021 – June 2024

Developed a **leasing management system** for telecom operations, handling **lease upgrades, terminations, and additions**. The solution automated the leasing process while enhancing security and compliance. **AWS services**, including **Lambda, S3, and CloudWatch**, ensured real-time monitoring and secure data handling.

- **Automated lease processing** with security enhancements, improving on-site operations.
- **Managed complex Bills of Quantities (BOQs)**, improving procurement and installation accuracy.
- **Reduced administrative overhead by 20%** through automated lease modifications.
- **Implemented AWS Step Functions** for orchestrating leasing workflow.