Banshi Lal Nain

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Summary

I am a proficient full-stack developer with over 5+ years of experience in building end-to-end web applications. I have a strong background in various programming languages, frameworks, and tools, such as JavaScript, React, Node.js, MongoDB, Mysql, AWS, and Git. I have successfully delivered scalable, secure, and user-friendly solutions for diverse industries, such as e-commerce, education, and healthcare. I have also led and mentored junior developers, ensuring code quality and best practices. I am passionate about learning new technologies and solving complex problems.

Experience

Senior Software Engineer

Softdel System • pune, maharastra
01/2023

- I work with IoT platforms to create end-to-end solutions for clients.
- I use React.js, Node.js, AWS CDK, CloudFormation, and TypeScript to deliver E2E IoT solutions that communicate with building equipment like lifts, fire alarms, and maintenance for the different modules.
- I build the code using CodeBuild and CodePipeline.
- I define the test cases using Jest to create a seamless operational solution.

Senior Software Engineer

Avlog Infotech Pvt Ltd • Banglore, karnataka
11/2020 - 12/2022

- I work on various domains, such as health, sustainability, logistics, e-commerce, and payment.
- I use React.js, Angular 16, Keycloak, React Native, Node.js, MySQL, AWS CDK, and Docker to deliver end-to-end solutions to the clients.
- I provide the API documentation for using third-party users with the authentication key.
- I use GitHub and Jenkins to manage the code build and deployment.
- Got Appraisal on good performance.

Junior Product developer

CellPoint Digital • Pune, Maharastra
08/2018 - 11/2020

- Developed a booking engine called IBE for Aviation industry
- User can book ticket and purchase itinerary like baggage, meal, select seat
- This is using reactjs with scss
- One code can use for multiple client.
- Using CMS to manage the UI and promotion on home page

Skills

ReactJS, AWS, JavaScript, TypeScript, AngularJS, Git, Node.js, Express.js

Projects

Bee Farm Management System (Aug 2023 - Jan 2024)

- Utilized serverless architecture, incorporating Lambda functions to facilitate communication between S3, Cognito, and RDS, enhancing system scalability and efficiency.
- Established an API Gateway to provide well-defined APIs for the front-end team, ensuring seamless integration

and data flow.

- Generated comprehensive API documentation using Swagger, providing clear guidelines for developers and stakeholders.
- Implemented serverless deployment of Lambda functions using the Serverless Framework, streamlining the deployment process.
- Developed thorough test cases to optimize system functionality and deliver a high-quality product to end-users.
- Successfully led a team of 12 individuals, overseeing task management, tracking progress, and ensuring the timely achievement of project milestones.

Building Equipment Management System (Jan 2023 - Aug 2023)

- Spearheaded the development of a responsive and user-friendly website for building management using React.js, Redux, and TypeScript.
- Implemented AWS Cognito for user authentication and login functionalities, ensuring a secure and seamless user experience.
- Orchestrated the utilization of AWS Lambda, RDS, and SQS to establish an end-to-end solution for efficient data flow within the system.
- Implemented a webhook URL to seamlessly receive and process data using AWS SQS, enhancing real-time communication and data synchronization.
- Devised comprehensive test cases to rigorously evaluate and validate each aspect of the system's functionality, ensuring robust performance.
- Led a team of 16 individuals, overseeing task management, tracking progress, and ensuring timely achievement of project milestones.

Student Question Portal (May 2022 - Dec 2022)

- Utilized the ImagineLearning library to deliver engaging questions for students. Implemented CSS overrides to enhance the UI aesthetics in alignment with the client's preferences..
- Orchestrated the integration of AWS Lambda, RDS, and SQS to establish a comprehensive end-to-end solution, ensuring efficient data flow within the system. Leveraged GraphQL to dynamically add and edit questions based on specific requirements.
- Developed a dashboard using Angular, enabling clients to monitor the progress of each student or class on a single page. Implemented features allowing clients to send notifications to students based on progress reports.
- Using graphQl to add question and edit according to the Requirment
- Incorporated Keycloak authentication for secure user login.

Patient Loan Provider Portal (July 2021 - May 2022)

- Developed a portal using React.js, Express.js, MySQL, MongoDB, Redux, and Material UI, ensuring compliance with HIPAA standards for the US market.
- Implemented APIs for the React front-end, enabling seamless integration and interaction.
- Utilized the SSN (Social Security Number) to assess patient liability, determining the maximum amount of financing available for their treatment.
- Collaborated with various banking services to secure the best financial offers for patients.

Ecommerce Portal (Nov 2020 - July 2021)

- Developed a comprehensive E-commerce portal employing cutting-edge technologies for enhanced user experience and efficient management. Leveraged React.js, Express.js, MongoDB, and Material UI to build a robust solution with dedicated admin and customer portals.
- Implemented a responsive and intuitive user interface using React.js, ensuring optimal user experience across devices.
- Developed a feature-rich admin portal for efficient product management, order tracking, and user analytics.
- Integrated Material UI to enhance the admin portal's aesthetics and user interaction.
- Designed a customer portal with an easy-to-navigate interface, allowing users to explore products, place orders, and manage their accounts seamlessly.
- Utilized MongoDB for efficient and scalable data storage, ensuring a seamless connection between the portal and the database
- Integrated Material UI components to achieve a modern and visually appealing design, enhancing the overall look and feel of the portal

and feel of the portal.

- Implemented secure user authentication mechanisms to protect customer data and ensure a safe shopping experience.
- Integrated secure payment gateways to facilitate smooth and secure transactions, enhancing the user's trust in the platform.
- Implement additional features such as personalized recommendations, product reviews, and promotional offers.
- Explore advanced analytics tools to gain deeper insights into user behavior and preferences.

Internet Booking Engine (Nov 2020 - July 2021)

- Developed using React 16, harnessing the power of class-based components for a robust and efficient architecture.
- Utilized SCSS with custom theme variables, providing the flexibility to easily adjust the theme according to specific design requirements.
- Integrated an online check-in feature, allowing users to conveniently check in for their flights through a user-friendly interface.
- Implemented a seamless seat booking system, providing users with the ability to choose and reserve their preferred seats during the booking process.
- Included a baggage add-ons feature, enabling users to customize their travel experience by selecting additional baggage options.
- Implemented Redux-Thunk for state management, ensuring efficient handling of asynchronous actions and a consistent application state.
- Explore migrating to functional components and React hooks for a more modern and maintainable codebase.
- Continuously update and expand features based on user feedback and evolving industry standards.

Education

Computer Science

Rajasthan Technical University • Jaipur, Rajasthan
06/2018

Deploma in Computer science

Board of Technical Education • Bikaner, Rajasthan
05/2015

Languages

English, Hindi

Awards

Hackathon 2017