





Parash Giri

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EDUCATION

Birmingham City University, Birmingham , UK

Jan 2023

Msc Computer Science

Kathmandu Engineering College , Nepal

Sep 2018

Computer Engineering

EXPERIENCE

Faraday Battery Limited

March 2023 - Present

Full Stack Developer

Birmingham , UK

- Applied prior experience in ReactJS workflows, including Redux, React Query, Context API, Routing, memo and working with data structure libraries.
- Developed the complete system using NextJS, TypeScript, and Tailwind CSS, NodeJS, and DynamoDB emphasizing responsive design principles and proper use of media queries.
- Utilized AWS services like Amplify, Cognito, Lambda, S3, CloudWatch and API Gateway for various application functionalities.
- Created custom RESTful APIs for NodeJS development, documented NodeJS processes, and recommended process and technology improvements.
- Developed a reusable components for enhanced maintainability and faster development.
- Developed and deployed a cross-platform mobile application for both Android and iOS platforms using React Native.
- Leveraged the AWS CLI and Terraform for creating Lambda functions, DynamoDB table and managing AWS resources.
- Deployed the project using AWS Amplify, ensuring seamless deployment and hosting while leveraging cloud services for scalability and reliability.
- Implemented data handling mechanisms within the mobile app for efficient processing and utilization of data received from the BLE device.
- Ensured optimal performance by continually monitoring and optimizing the application, and designs into high-quality codes.
- Maintained proper documentation for changes and updates, debugging and troubleshooting issues as needed..
- Managed and organized project codebase efficiently using GitHub, facilitating collaboration among team members, version control, and tracking of code changes.

Fibonacci Engineering And IT Solutions Pvt. Ltd

September 2020 - December 2022

Full Stack Developer

Nepal

- Designed and built RESTful APIs using the Express framework, enabling seamless data exchange between the frontend and backend.
- Implemented JWT token-based authentication for securing sensitive endpoints, providing a secure and standardized method for user authentication.
- Developed and utilized Express middleware for handling authentication and authorization tasks, ensuring that users have the appropriate permissions to access specific resources.
- Configured Express routes effectively, ensuring proper organization and structuring of API endpoints for clarity and maintainability.
- Designed and implemented event-driven architecture within the Express application, allowing for asynchronous and decoupled communication between different parts of the system.
- Crafted responsive and user-friendly web pages by leveraging ReactJS in combination with CSS libraries, ensuring a consistent and accessible user experience across devices.
- Implemented React Query and Redux for advanced state management, enhancing data fetching and synchronization within the application.
- Successfully deployed the application on web hosting platforms, making it accessible to users.
- Utilized version control and collaboration tools, such as GitHub, to manage codebase efficiently and facilitate seamless teamwork.
- Leveraged cloud-based MongoDB services for scalable and reliable data storage, ensuring seamless access to data and simplifying database management tasks.

TECHNICAL SKILLS

JavaScript, ReactJS, NextJS, React Native, NodeJS, Express, TypeScript, OOP and Python.

DynamoDB, MySQL, MongoDB.

React Library (Components, State Management, Props)

Basic of UI/UX Design using figma)

AWS, Lambda, Cognito, Amplify, API Gateway, S3, Event Bridge, CloudWatch.

Tailwind CSS, Bootstrap, Material UI, Font Awesome.

Terraform, AWS CLI, Git.

Research and implement new technologies.

RELEVANT COURSEWORK

Computer Science: Python, Artificial Intelligence, Database, Software Engineering, Web Application, Individual Master Project, Research Methodology and Project Management