AKHASH KAILAIANHIRI

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Profile Summary

2.7 years of experience as JavaScript Full Stack Developer architecting and delivering user-centric web applications. Proficient in full-stack development, leveraging Node.js, React.js, and AWS to design and optimize applications for increased scalability and efficiency. Committed to delivering high-quality code within 100% of project deadlines, fostering productive teamwork, innovative and collaboration.

Technical Skills

Languages/Frameworks: Node.js, React.js, Express, MongoDB, JavaScript (ES6+), HTML/CSS, MySQL, nosql, SQL
Developer Tools: VS Code, SOAP, SVN, SoapUI, Eclipse, IntelliJ, Postman
Technologies: AWS (S3, API Gateway, Lambda, DynamoDB, CloudFront), Jenkins, Git/GitLab

Experience

Accenture   **August 2021 – Present**
Software Engineering Analyst   *Coimbatore, Tamil Nadu*
- Developed and launched full-stack apps and server-side solutions in Node.js, boosting UX and driving business growth. Optimized RESTful APIs with Express.js, achieving 25% faster front-to-back interaction.
- Performed rigorous unit testing on 100% of codebase utilizing SoapUI and Postman, ensuring an elevated standard of quality and code reliability. Validated integrity through successful verifications of Jenkins and CI/CD pipelines during deployments.
- Actively engaged in 110+ code reviews, elevating code quality by identifying and rectifying 80+ issues. Provided mentorship to junior developers, fostering their growth and knowledge in line with best practices.
- Collaborated with cross-functional teams to gather requirements, design software solutions, and implement new features.

UNIQ Technologies, Inc   **Nov 2019 – Dec 2019**
Software Developer Intern   *Coimbatore, Tamil Nadu*
- Engineered a machine learning model with a 95% accuracy rate using Random Forest Classifier in a Supervised Learning algorithm. Trained and tested the model on a diverse dataset of 10,000 samples, achieving accurate predictions for targeted scenarios.
- Enhanced skills crafting production-ready web app with senior devs, reducing bugs by 30% through effective debugging.
- Collaborated with team members and used Git to have maintainable code and get review comments periodically.

Projects

WIZChat | *React.js, Node.js, Socket.io, AWS S3, API Gateway, Lambda, DynamoDB, CloudFront*   **February 2024**
- Created a modern real-time chat application using React and NodeJS, and Socket.IO for instant messaging.
- Users can sign in/sign up, create personalized profiles, and engage in real-time conversations using user authentication.
- Incorporate React Router for navigation and integrate Socket.IO to enable seamless communication.
- Deployed the application on AWS S3 for static content hosting, leveraged AWS API Gateway for API management, AWS Lambda for serverless backend functions, AWS CloudFront for content distribution, and store chat history in DynamoDB for a reliable and scalable backend solution.

Blog app | *React.js, Node.js, Semantic-UI, AWS – S3, API Gateway, Lambda, DynamoDB, CloudFront*   **January 2024**
- Developed a full stack react blogging server less application which allows users to create and publish rich blog content.
- Implemented secure user authentication to allow authors to manage and personalize their blog posts.
- Designed a scalable and serverless architecture using AWS services, allowing the app to handle workloads efficiently.

PostVerse app | *Node.js, React.js, AWS – S3, API Gateway, Lambda, DynamoDB, CloudFront*   **August 2023**
- Designed a ReactJS-based server less app which empowers users to create, edit, delete, and update posts like Twitter.
- Leveraging and Integrating AWS services like Lambda, S3, API Gateway, DynamoDB, and CloudFront, which employs a server-less architecture and it ensures efficient functionality and global content distribution.

Education

Tamilnadu College of Engineering   **Aug 2017 – May 2021**
Bachelor of Engineering in Computer Science   *Coimbatore, Tamil Nadu*

Awards and Certifications

- Received Commitment of Excellence award from client side, MERN-Full stack developer, React.js, Node.js.
- Secured First Rank in the Anna University Examinations held during the academic year 2017-2018.
- Got First place for Mini Project from Department of CSE, IIC, MHRD in the Academic Year 2019-2020.