HARKESH SAINI

Software Engineer

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SUMMARY

Full-Stack Developer with 4 years of experience specializing in AWS, React, Angular, Node.js, and PostgreSQL. Experienced in building serverless architectures and multi-tenant SaaS platforms. Adept at designing scalable, cloud-native solutions using AWS CDK, Lambda, API Gateway, and S3. Skilled in GraphQL, REST APIs, Knex.js, and CI/CD automation to optimize performance, security, and deployment efficiency.

PROFESSIONAL EXPERIENCE

Software Developer   07/2024 - Present

BELL BLAZE TECHNOLOGIES   Noida, India

- Cloud Solutions – Expertise in designing and deploying scalable, serverless applications using AWS CDK, Lambda, API Gateway, and other AWS services.
- End-to-End Project Leadership – Successfully managed and deployed cloud-based projects optimizing performance, cost, and security.
- Multi-Tenant SaaS Development – Experience in building multi-tenant architectures with dynamic database management in PostgreSQL using Knex.js.
- Full-Stack Development – Proficient in React (Vite), Node.js, PostgreSQL, and AWS services, ensuring seamless backend-frontend integration.
- CI/CD & DevOps Automation – Implemented CI/CD pipelines, AWS Lambda deployments, and secure authentication (JWT, AWS Cognito) to streamline cloud-based operations.

MEAN Stack Developer   2017 - 2021

RipenApps   Noida, India

- Developed and maintained Angular and React applications, integrating GraphQL APIs for efficient data fetching.
- Implemented Apollo Client, Redux, and RxJS for state management and performance optimization.
- Worked on multiple projects, including **DBMCI, YCASA, and the HRMS portal**, delivering scalable and high-performance solutions tailored to business needs.

Full Stack Developer   04/2022 - 02/2023

Quytech   Gurugaon

- Developed and maintained blockchain-based applications, ensuring secure and decentralized solutions.
- Built smart contracts using Solidity and integrated them with Node.js and React applications.
- Worked with Ethereum, Hyperledger, or other blockchain frameworks to develop secure transactions.
- Designed and optimized REST & GraphQL APIs, improving system efficiency and data integrity.

Software Development Engineer   09/2021 - 04/2022

OPSKUBE   Noida, India

- Optimized PostgreSQL database queries to improve application performance and scalability.
- Integrated REST APIs with Angular, ensuring smooth data fetching and real-time updates.
- Worked on Microservice architecture.
- Implemented **Elasticsearch** for efficient **microservice log retrieval and analysis**, enhancing system monitoring and troubleshooting.

EDUCATION

Information Technology   2017 - 2020

Ambedkar Institute Of Technology   Nirman vihar Delhi

SKILLS

Language

Node.js · React.js · Angular.js · Typescript

DATABASE

MYSQL · PostgreSQL · MongoDB

AWS

SQS · SES · SNS · S3 · SDK · CDK · Cognito · IAM · Lambda · EC2 · CloudWatch · Memcached

Deployment

CI/CD PipeLine Github action · CDK · S3 Static Web hosting

Testing

Unit Testing · Integration Testing · Jest

Operating Systems

Unix · Solaris · Linux · Windows

Software

Dbeaver · Elasticsearch · MongoDB Atlas · Postman · VS Code

PROJECTS

Travels

09/2022 - 04/2022   Noida, India

Airline Ticket Booking

- Developed an airline management system using Angular and PostgreSQL, optimizing booking and operational workflows.

SYSTACC

04/2021 - 04/2022   Noida

Accounting Software

- Built a cloud-based accounting platform with React and Node.js, ensuring accurate financial management and reporting.