SARANYA SASI KUMAR

Full-stack developer

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PROFILE

I am a dedicated software developer with a solid background in AWS, NodeJS, ReactJS, Angular, PostgreSQL, and Sequelize. My focus is on creating scalable, cloud-based solutions that effectively address user needs and enhance overall performance. Leveraging AWS services has enabled me to develop high-performance applications that drive results. I am eager to join a forward-thinking organization where I can further develop my skills in emerging technologies and AWS infrastructure. I value collaboration and look forward to contributing to impactful projects that align with the company's goals.

EDUCATION

Postgraduate Diploma in Information Technology | 2023-Present
Eastern Institute of Technology, Auckland

Computer Science and Engineering | 2014-2018
Cochin University of Science and Technology

SKILLS

- NodeJs
- ReactJs
- AngularJs
- Python
- PostgreSQL
- Redis
- HTML/CSS
- AWS
- Figma
- MongoDB

EXPERIENCE

Software Engineer | March 2024-Present
Woods, NewZealand

- Architected AWS multi-account structure using CloudFormation and SAM, enhancing security and scalability.
- Built GPS data pipeline with EventBridge, SQS, and Lambda, ingesting IoT data into Aurora Serverless for real-time processing.
- Integrated AWS Cognito for secure authentication and role-based access, protecting sensitive data.
- Developed Python data processing functions in AWS Lambda with custom containers for optimized geospatial calculations.

Fullstack Developer | 2022-2023
Tech Agrim, India

- Architected a scalable solution using Node.js and Next.js, supported by AWS RDS for data storage and AWS S3 for efficient object management.
- Seamlessly integrated AWS Cognito for user authentication and automated administrative operations for enhanced efficiency.
- Established role-based access controls to ensure stringent security and precise data access permissions at the client level.

REFERENCE

References available upon request.

Senior Web Developer | 2022-2022
DoctorOnCall

- Developed multiple modules to handle various user customizations at the backend level with role-based authentication.
- Implemented a seamless appointment booking platform, facilitating effortless scheduling for both users and administrators.
- Led and coordinated a team to manage a product effectively.

Software Engineer | 2020-2022
Turing Test

- Enhanced system performance and reduced execution time by integrating Sequelize with NodeJS.
- Designed specialized modules for admin functionality, leading to a 10% reduction in development time.
- Updated and improved legacy code, resulting in a 60% decrease in security vulnerabilities.

Software Developer | 2018-2020
Vitalic Health Private Limited

- Upgraded NodeJS to enhance the doctor consultation system and streamlined processes using NodeJS and AngularJS.
- Developed key features like Algolia Search, Slot Management, and Order Tracking by integrating third-party APIs.
- Led database maintenance for multiple projects and improved the admin dashboard, reducing operational time by 15%.