



SARANYA SASI KUMAR

FULLSTACK DEVELOPER

CONTACT



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SKILLS

NODEJS

ANGULARJS

REACTJS

POSTGRESQL

REDIS

MYSQL

SEQUELIZE

HTML/CSS

GIT

AWS

MONGODB

OBJECTIVE

A dedicated and proactive software developer with a rich background in NodeJS, ReactJS, Angular, PostgreSQL, and Sequelize. I am passionate about leveraging my expertise to craft robust and innovative software solutions. Eager to join a forward-thinking company where I can further hone my skills with emerging technologies, contribute meaningfully to projects, and collaboratively work towards realizing the organization's vision and objectives.

EXPERIENCE

FULLSTACK DEVELOPER

TECH AGRIM

OCT 2022

- 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.

SENIOR WEB DEVELOPER

DOCTORONCALL

APR 2022- NOV 2022

- 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

TURING TEST

MAR 2020- MAR 2022

- 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

VITALIC HEALTH PRIVATE LIMITED

SEPT 2018 - MAR 2020

- Upgraded the NodeJS version to ensure the seamless functioning of the existing doctor consultation system.
- Introduced additional features to the admin dashboard, achieving a 15% reduction in operational time.
- Engineered core features, including Algolia Search, Slot Management, and Order Tracking, by seamlessly integrating third-party APIs for various lab aggregators.
- Redesigned the operational flow using NodeJS and AngularJS to optimize processes and workflows.
- Oversaw database maintenance across multiple projects and enhanced the admin dashboard to facilitate expansive user management.

ACHIEVEMENTS

- Sanskrit essay writing state-level participant.
- Inspire award participant.
- Hactoberfest 2020 participant.

SCHOLARSHIPS

- Inspire Scholarship.
- BSB Trust scholarship for Btech.

EXTRA CURRICULAR ACTIVITIES

- Eureka program participant.
- An active volunteer in placement cell.
- An active volunteer in IEEE events.

HOBBIES

- Writing blogs.
- Listening music.

INTERESTES

- Understand new technology.
- Python and Go Lang.
- Drawing.

SEMINARS/WORKSHOPS ATTENDED

- **IoT workshop**
CSIS Allahabad
March 2017
- **Kaizen 4.0**
Jan 2017
- **Kaizen 5.0**
Feb 2018

INTERNSHIP

UNSTRUCTURED DATA COLLECTION AND CLASSIFICATION

MERCLAIN TECHNOLOGIES PVT.LTD

1ST JUNE 2017- 30TH JUNE 2017

- Scraped unstructured data from websites, and stored in CSV files as structured data using Python.
- Collected data and worked with the company's R&D projects for Parcx, a Merclain Technologies product.

EDUCATION

POSTGRADUATE DIPLOMA IN INFORMATION TECHNOLOGY

EIT AUCKLAND | 2023 - PRESENT

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING

COCHIN UNIVERSITY | 2014- 2018

AN AGGREGATE OF 78% (AVERAGE CGPA 8.3)

ACADEMIC PROJECT AND SEMINAR

BIG DATA: SPARK RDD SEMINAR

- Conducted analysis of Spark's fundamental data structure, RDD.
- Compared both Iterative & Interactive operations and explored its fault-tolerant method.
- Investigated advantages of RDDs within distributed shared memory.

PERFORMANCE ANALYSIS COMPARISON OF FRAMEWORKS UNDER BIGDATA: HADOOP MAPREDUCE APACHE SPARK AND APACHE STORM MAJOR PROJECT

- Compared the Hadoop MapReduce, Apache Spark and Apache Storm by running a word count program in three clusters.
- Evaluated performance through Acyclic Graph (DAG) creation.
- Performed an in-depth comparison of the aforementioned frameworks.

TRENDY TOPIC ANALYSIS: BIGDATA MAJOR PROJECT

- Analyzed trending topics using Apache Spark, storing Twitter data in an AWS cluster.
- Extracted, tokenized tweets, and counted each topic's occurrence.
- Proposed system based on non-parametric supervised trending topic detection model with sentimental feature.

ONLINE EXAMINATION SYSTEM MINOR PROJECT

- Proposed an online examination system for students to evaluate themselves.
- The system contains an admin module to control the users and manage the database.
- Displayed a result by comparing the user entered results with the answers in the database.