

# SUGUMARAN B

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## SUMMARY

A versatile software professional with over two years of experience in Application Support, Maintenance, and Data Migration. Proficient in MS SQL and AWS, I excel at delivering timely and effective solutions that enhance operational efficiency. A collaborative team player with strong communication skills, I am passionate about tackling challenges and driving organizational growth. Dedicated to aligning practical solutions with business objectives, I work well both independently and in teams.

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## WORK EXPERIENCE

**Associate Software Engineer | Prodapt Solutions | Chennai, Tamil Nadu**

May 2022 - Present

### Web Service – Technical Support | Development

- Experienced in Developed the Health Check form from scratch using ASP.NET MVC in C#, following the MVC (Model-View-Controller) design pattern to separate concerns and enhance maintainability.
- Collaborated with cross-functional teams to gather requirements and implement solutions that aligned with business needs.
- Designed the View with a user-friendly interface, implementing HTML, CSS, and Razor syntax to dynamically render content based on user inputs and data from the Model.
- Developed the Controller to handle user requests, process data, and update the View, ensuring a smooth flow of information within the application.
- Implemented AJAX API calls to connect the Model, View, and Controller, enabling asynchronous data interaction without requiring full page reloads.
- Enhanced the application's responsiveness by allowing real-time updates and smooth user interactions, improving the overall user experience.
- Developed and maintained web service applications, improving functionality and performance.
- Integrated the application with external services by setting up the Outlook (SMTP/MIME) server for email functionality.
- Configured the server for secure communication and automated email notifications, ensuring reliable and efficient message delivery.
- Employed unit testing and debugging techniques to optimize the code and ensure the application delivered consistent, high-quality performance.
- Provided technical support and troubleshooting for web services, ensuring seamless operation and quick resolution of issues.

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### Web Service – Technical Support | Configuration

- Provided comprehensive technical support for web services, ensuring efficient operation and prompt issue resolution.
- Configured and optimized web service settings to align with client requirements and enhance system performance.
- Troubleshoot and resolved configuration-related issues, reducing system downtime and improving service reliability.
- Set up the production environment using Remote Desktop Protocol (RDP), allowing secure access and management of the server.
- Collaborated with development teams to implement configuration changes and updates, ensuring seamless integration with existing systems.
- Integrated environment-specific configurations such as database connections, API keys, and other critical settings to match the production environment's requirements.
- Developed and maintained detailed documentation for configuration processes, settings, and troubleshooting guides.
- Supported end-users and clients by providing clear guidance on configuration best practices and resolving complex technical queries.

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### Data Migration | AWS Cloud Services

- Utilized AWS tools such as S3, EC2, and RDS to facilitate secure and efficient data migration processes.
- Experienced in handling CSV files and executing ETL processes.
- Developed a dynamic framework for encryption, including creating an AWS Lambda function to process and encrypt specified columns in CSV files, with integration of S3, Lambda, event triggers, IAM and cloud watch for seamless data transfer between S3 buckets.
- Developed a migration flow to migrate the customer data from one stack to another.
- Collaborated with cross-functional teams to gather requirements and develop customized migration solutions tailored to client needs.
- Led data migration projects, successfully transferring large datasets between applications and environments using AWS Cloud services.
- Designed and implemented data migration strategies, ensuring data integrity, accuracy, and minimal downtime during transitions.
- Automated data migration workflows using AWS services, improving efficiency and reducing manual intervention.

## EDUCATION

Aug 2018 - May 2022

### Bachelor of Information and Technology

Rajalakshmi Engineering College, Chennai, Tamil Nadu

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## ADDITIONAL INFORMATION

- **Technical Skills:**

- Frontend Development:
  - HTML5 , CSS3, JavaScript, React.Js, Material UI
- Backend Development:
  - Java, MVC C#, Python, NodeJs, REST API's
- Database Technologies
  - MySQL , PostgreSQL
- Version Control
  - GitHub
- Cloud Services - AWS
  - Simple Storage Service(S3), Lambda Function, Identity Access Management(IAM), Cloud Watch, Cloud Shell, Elastic Cloud Compute(EC2)

- **Languages:**

- English, Tamil

- **Certifications:**

- Python Basic , Java , Problem Solving - Hacker Rank
- MySQL , AWS Cloud Practitioner - Udemy

- **Awards/Activities:**

- Appreciation for Encryption using Python. Received team appreciation for efficiently delivering an Encryption framework using Python within a short timeframe.
- Appreciation for Health check Application. Successfully developed a comprehensive health check application from scratch within a tight deadline, receiving commendations from both management and the client for meeting all requirements and delivering the project on time.