

# Girishkumar B

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## PROFILE SUMMARY

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B.Tech Information Technology with hands-on experience in cloud automation, AWS, and project management. Demonstrated ability to gather project and business requirements, collaborate effectively with cross-functional teams, and provide innovative solutions. Passionate about leveraging analytical insights and data-driven decision-making to deliver high-quality solutions, with strong adherence to best practices and industry standards. Proficient in Python, HTML, CSS, JavaScript, AWS, and DevOps tools and methodologies, eager to apply skills in a dynamic IT environment.

## EDUCATION, SRM IST RAMAPURAM, Chennai, Tamil Nadu

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B.Tech. Information Technology      May 2024

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## PROJECT EXPERIENCE      SRM IST RAMAPURAM      Chennai, Tamil Nadu

### Predictive maintenance for industrial machinery, minimizing downtime, using Machine learning. (2024)

Implementing predictive maintenance for industrial machinery, leveraging machine learning to minimize downtime and increase operational efficiency, ensuring timely maintenance interventions for enhanced machinery reliability.

### Emotion based music recommendation system. (2023)

Creating an emotion-based music recommendation system using Python, with the help of a webcam to analyze user emotions and suggest appropriate music tracks, enhancing personalized music experiences.

### Smart traffic monitoring system using Thermal and Sound sensors, with Arduino. (2023)

Developing a smart traffic monitoring system utilizing thermal and sound sensors, integrated with Arduino using C++, to enhance real-time traffic management and improve road safety.

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## Web development Internship – CodeBind Technologies, Chennai.

Jan 2023

• Completed internship in web development where I gained hands-on experience using HTML, CSS, and JavaScript. During this internship, I focused on creating responsive and user-friendly web pages. I worked on several projects that involved building and styling websites from scratch, ensuring cross-browser compatibility, and implementing dynamic features using JavaScript. This experience enhanced my understanding of front-end development and improved my ability to create visually appealing and functional web applications.

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**Technical skills:** EC2, S3, IAM, Route53, VPC, SNS, SQS, CI/CD integration, HTML, CSS, Javascript, Docker, Jenkins, Terraform, Kubernetes.

**People skills:** Strong communication, collaboration, leadership, and organizational skills, collaborative, strong accountability & ownership, initiative driven.

**Certifications:** Web Development – CodeBind Technologies, Artificial Intelligence and Data Science – MSME, AWS & DevOps – Greens Technologies.

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