

Maria Viji George

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Resume Summary

Self-motivated and hardworking Computer Science and Engineering graduate (**CGPA 9.4**) with experience in teamwork to develop Software Engineering products. Dedicated, quick learner and a problem solver eager to apply knowledge gained to solve real-world problems. Worked as a Software Engineering Intern at **Google**. Seeking to ignite a career with your team.

Education

• Bachelor's degree (BTech) in Computer Science and Engineering

Government Engineering College, Thrissur, Kerala, India
July 2019 - July 2023

Cgpa: 9.4

• Higher Secondary Education

KMBVM Pottore, Thrissur, Kerala, India
May 2018 - May 2019

Percentage: 94.8

Experience

• SWE Internship at Google

(February 2023 - August 2023):

- Worked on automating the migration of one of the critical components of the Google Search infrastructure from a legacy system to a new system.
- Increased the developer velocity by 25%.

Golang • Regex • Shell • Unit Testing

Projects

• PDF Management and Collaboration System

- Developed a PDF management web application that ensures easy access to shared files, facilitates commenting and discussions, and prioritizes data privacy and security.

ReactJs • Flask • Firebase

<https://github.com/M-3-6/PDF-Manager-Frontend>

<https://github.com/M-3-6/PDF-Manager-Backend>

<https://pdf-manager-frontend.vercel.app/>

• Ecotopia - The Sustainable Village

- Worked in a team to develop a Flutter application to conserve water resources.
- Implemented by placing IoT devices in water tanks to calculate the net water usage of individual houses.
- Reduced water consumption by 20%.

Flutter • Internet of Things • Teamwork

<https://github.com/M-3-6/EcoTopia>

• Covid Focus

- Worked in a team to develop a website for a panchayat to analyze covid data.
- Implemented using NextJs framework.

NextJs • React • CSS • Teamwork

<https://covid-focus-client.vercel.app/>

<https://github.com/Sycoss-Inc/covid-focus-client>

• MyPiggy - Automated Expense Tracker

- Worked in a team to develop a Flutter application for automatic expense tracking.
- Eliminated wasteful spending habits.

Flutter • Firebase • Teamwork • Leadership

<https://github.com/expenzTracker/miniproject>

Roles and Responsibilities

• MD Vice Chair at IEEE SB GECT (2021 - 2022)

- Membership Development Vice Chair at IEEE (Institute of Electrical and Electronics Engineers) Student Branch GECT.

- Led the IEEE membership drive

- Increased IEEE memberships by 15%.

• Joint Secretary at FOSS Club GECT (2021 - 2022)

• Mentor - C++ Workshop (January 2021)

- Organized 'Hello World', a 15-day long C++ workshop at Government Engineering College Thrissur (GECT).
- Mentored about 150 students

Skills

Expert (★★★★★):

Python, Golang, C, Java, JavaScript, Data Structures, Algorithms, Object-Oriented Programming, Shell Scripting, Unit Testing, SQL, Flutter, ReactJs, Git Version Control, Firebase.

Advanced (★★★★☆):

Flask, C++, Node.Js, Socket Programming, Assembly Programming.

Achievements

• Amazon SWE Internship (January 2023):

Selected for six months SWE internship at Amazon, India.

• IBM Call for Code Global Challenge 2021 (August 2021 - November 2021):

Regional Finalist for the 2021 IBM Call for Code Global Challenge out of 1000 teams.

• She The Force (June 2021):

Top 12 out of 500 participants in 'She The Force' - India's largest women-focused Hackathon.

• Youthopeian Envirothon 2021 (September 2021):

Second position in 'Youthopeian Envirothon 2021' a global hackathon conducted by MLH.

• Hack the Hackathon (May 2021):

Third Prize in a 40 Hours Women National Level Hackathon, out of 150 participants conducted as part of CSI National Level Tech Fest.

• LeetCode:

Solved 120+ DSA problems on the LeetCode Coding Platform.

• AlgoExpert:

Solved 100+ DSA problems on the AlgoExpert Coding Platform.

Courses

• Python programming Course (April 2020)

The University of Michigan offered through Coursera

• HTML, CSS, and JavaScript (April 2020)

Johns Hopkins University offered through Coursera.

• Backend web development (September 2021)

Successfully completed a 7-day long Bootcamp on "backend web development with NodeJS" by ShapeAI.