

# SABARIVELAN GANESAN

Front-End Developer

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## Technical Skills

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**Languages:** JavaScript, JQuery, TypeScript, HTML/CSS, SASS, C#, SQL.

**Technologies/Frameworks:** MERN, MEAN, React-native, Redux, .NET Framework, Bootstrap, Tailwind Css, Styled Components, GraphQL, Git, GitHub, Linux, Firebase, Postman, Figma, Docker.

**Software Development Practices:** Proficient in Agile methodologies, responsive design, problem solving, flexibility and customer satisfaction through regular software delivery.

**Databases:** MongoDB, PostgreSQL, Microsoft SQLServer.

**Developer Tools:** VS Code, Visual Studio, Sublime Text, IntelliJ IDEA.

## Relevant Experience

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### Zoho Corporation

September 2019 – October 2022

*Software Engineer*

*Chennai, India*

- Built, styled, and shipped high-quality web applications, design systems, and cross-platform digital experiences for diverse clients, leveraging technologies such as Angular, Javascript, Typescript, JQuery, and Docker.
- Collaborated closely with product and project managers, designers, and fellow engineers to transform complex problems into polished digital experiences at an agile (2-week) cadence.
- Conducted code reviews for 4+ colleagues, promoting best practices and improving code efficiency with awareness of security, leading to a 25% decrease in bug reports.
- Developed and architected technical tools including content management systems, REST APIs, and continuous integration pipelines to effectively meet evolving business requirements
- Applied Test-Driven Development (TDD) and Behaviour-Driven Development (BDD) approaches to ensure robustness and reliability of the implemented projects.
- Led company-wide accessibility initiatives, such as creating documentation for best practices, establishing a standard accessibility checklist for colleagues, and facilitating knowledge sharing sessions.

## Projects

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### P2P File storage | *React-native, Javascript, sqlite*

September 2023

- Construct a decentralised file sharing app (iOS/Android) using React Native and SQLite, ensuring scalability and offline functionality
- Designed and implemented a secure TCP protocol for peer-to-peer file transfer, prioritising efficiency and data security
- Achieved seamless file synchronization and robust security measures within the P2P file sharing application.

### Movie Booking App | *C#, ASP.NET Core MVC, SQL Server, Azure*

January 2023

- Developed a movie booking application using ASP.NET Core MVC for the backend and SQL Server for data persistence
- Integrated PayPal as the payment gateway for secure and seamless customer transactions.
- Deployed the application to Azure App Service, demonstrating proficiency in cloud deployment and infrastructure management.

## Education

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### Loughborough University

October 2022 – September 2023

*Master of Science in Computer Science*

*Loughborough, United Kingdom*

### Anna University

June 2016 – May 2020

*Bachelor of Engineering in Computer Science*

*Tamilnadu, India*

## Relevant Coursework

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|------------------------|---------------------------|---------------------------|-------------------|
| • Data Structures      | • Building Secure Network | • Database Management     | • Robotics        |
| • Software Methodology | • Algorithms Analysis     | • Artificial Intelligence | • Computer Vision |

## Certifications

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### Software Development

January 2016 – Present

*Udemy*

*United Kingdom*

- The Complete C++ Developer Course
- ASP.NET Core MVC — Build a Complete eCommerce App
- The Complete Java Developer Course