Dear student,

Thank you for expressing your interest in becoming a full-stack developer. I am excited to help you achieve your goal. Based on your request, I have created a detailed study plan that will help you learn front-end development, back-end development, and database management.

Week 1-2: Introduction to Programming and Web Development

- Introduction to HTML and CSS

- Introduction to JavaScript

- Introduction to Git and GitHub

Resources:

- Codecademy's HTML and CSS course

- Codecademy's JavaScript course

- GitHub Learning Lab

Week 3-4: Front-End Development

- Advanced HTML and CSS

- JavaScript Frameworks (React, Angular, Vue)

- Responsive Web Design

Resources:

- FreeCodeCamp's Responsive Web Design Certification

- React documentation

- Angular documentation

- Vue documentation

Week 5-6: Back-End Development

- Introduction to Node.js

- Introduction to Express.js

- Introduction to RESTful APIs

Resources:

- FreeCodeCamp's APIs and Microservices Certification

- Node.js documentation

- Express.js documentation

Week 7-8: Database Management

- Introduction to SQL

- Introduction to MongoDB

- Introduction to Mongoose

Resources:

- Codecademy's SQL course

- MongoDB documentation

- Mongoose documentation

Week 9-10: Full-Stack Development

- Building a Full-Stack Application

- Deployment and Hosting

Resources:

- FreeCodeCamp's Full-Stack Development Certification

- Heroku documentation

I recommend spending 2-3 hours per day studying and practicing coding. This will allow you to complete the entire study plan in 10 weeks. Remember to take breaks and practice regularly to reinforce your learning.

I hope this study plan helps you achieve your goal of becoming a full-stack developer. Good luck and happy coding!

Best regards,

[Your Name]