

## Nelson Michael

Whitefield, Bengaluru 560066 • [nelsonmike461@gmail.com](mailto:nelsonmike461@gmail.com) • [GitHub](#) • [LinkedIn](#)  
[Website](#): [nelsonmike461.github.io](https://nelsonmike461.github.io)

### Technical Skills

**Frontend:** HTML, CSS, JavaScript, React.js

**Backend:** Django, Express.js, Java, Python

**Databases:** MySQL, MongoDB, PostgreSQL

**Version Control:** Git

### Projects

#### Network

[GitHub](#) • [YouTube](#)

Built a Twitter-like social media app using React.js and Django with features like JWT auth, tweeting, liking, commenting, and logout. Includes Home, Profile, and Following pages for post discovery and user interaction.

#### Movie Recommender

[GitHub](#) • [YouTube](#)

Built a Movie Recommendation web application using Django with responsive design using HTML, CSS(Sass) and JavaScript. Used the Jaccard Similarity algorithm to recommend movies based on genre overlap, improving relevance for users based on their watch history.

### Education

#### Bengaluru North University

##### GFGC Varthur

Bachelors in Computer Science, CGPA: 7/10

### Relevant Coursework

#### CS50 Web Development with Python and JavaScript

[Certificate](#)

Gained hands-on experience building full-stack web applications using Django, completed 5 coursework projects and a final project.

#### CS50 Introduction to Databases with SQL

[Certificate](#)

Learnt core database concepts including querying, designing schemas, writing joins and subqueries, optimizing performance, and scaling systems.

#### CS50 Introduction to Artificial Intelligence with Python

[Certificate](#)

Learnt foundational AI and machine learning concepts including search algorithms, minimax, and constraint satisfaction, built projects like Tic-Tac-Toe AI and more.