

# S Prethish Kumar

[Prethishkumaroff@gmail.com](mailto:Prethishkumaroff@gmail.com)

Chennai, Tamil Nadu

+91 9445872210

[linkedin.com/in/prethish-kumar-689421298](https://www.linkedin.com/in/prethish-kumar-689421298)

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## PROFILE

Ambitious tech enthusiast with a strong foundation in Web Development and a proven ability to learn and adapt quickly. Driven by a passion for technology and a knack for problem-solving, I excel in crafting innovative solutions and exploring new technological frontiers.

## EDUCATION

**Indian Institute of Technology Madras | Chennai, Tamil Nadu**

**05/2023 – Present**

Diploma In Programming

- Successfully led the development of "Groovy" a comprehensive Full Stack Web Development project, completed from inception to deployment within 30 days.

**School Of Excellence In Law, TNDALU | Chennai, Tamil Nadu**

**07/2019 – 05/2024**

BCA LLB (Hons)

- Organized and conducted an online workshop on Cyber Security, attracting and engaging over 400 participants.
- Served as Executive Head and Treasurer of the Inter-College Cultural Committee, leading a team of over 150 students.
- Published a research paper on "Internet Privacy Laws in India" in a renowned academic journal.
- Served as the Technical Team head in various events such as CJC & Tantra.

**St John's English School & Junior College | Chennai, Tamil Nadu**

**07/2005 – 04/2019**

## Projects

**Groovy: A fully-featured music streaming service**

**11/2023 – 12/2023**

*Full Stack Development*

- Employed a range of technologies including Python, HTML/CSS, Jinja, Bootstrap, Flask, and JavaScript to develop a dynamic and interactive full stack web application.
- Architected a robust database schema using SQL Database to store user data, playlists, and music tracks, ensuring high performance and scalability.
- Implemented a comprehensive admin panel for managing users, playlists, and content, providing administrative control over the application.
- Ensured user passwords are stored securely by using SHA-256 hashing algorithm.
- Utilized cookies to securely store user data in sessions, ensuring state maintenance and enhancing user experience.

## Skills

- |              |                   |              |
|--------------|-------------------|--------------|
| • Python     | • React           | • Node JS    |
| • Express JS | • MongoDB & MySQL | • HTML & CSS |

## Certifications

The Complete 2024 Web Development Bootcamp | Udemy  
Android App Development | NIIT

05/2021 – 11/2021  
04/2014 – 06/2014