

HARSH V BHANDARI

Software Engineer Intern

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EDUCATION

06/2019 – Present	Bachelors in Electronics and Communication Engineering , Thiagarajar College of Engineering – Madurai, Tamil Nadu CGPA 9.18(current) – Expected to graduate in June 2023.
06/2017 – 06/2019	Indian School Certificate Examination , Vikaasa School – Madurai, Tamil Nadu Secured 92.6%
06/2015 – 06/2017	Indian Certificate for Secondary Education , Vikaasa School – Madurai, Tamil Nadu Secured 91.6%

CERTIFICATION

Completed online courses on [Javascript Algorithms and Data Structure](#) from [freeCodeCamp.org](#) and [Introduction to Embedded Systems Design](#) from [National Programme on Technology Enhanced Learning\(NPTEL\)](#).

SKILLS

Coding Languages	Javascript, Java and C
Technologies/Frameworks	NodeJS, Express, React and MongoDB
Tools	VSCode, Git and GitHub

PROJECTS

Form Maker

- Application to build forms and conduct surveys.
- Built using **ReactJS**, **React-router-dom**, **Express** and **MongoDB**.
- Uses **PassportJS** for **Google OAuth2** and **GitHub OAuth** for Authentication.

Microblogging App

- A small application to share your thoughts with people around the world.
- Built using **ReactJS** and **react-router-dom**.

Fourier Chaos

- A Fourier Circles visualizer using the native **HTML5 Canvas API**.

Characteristics Equation

- An application to calculate characteristics equation of matrix order upto 7.
- Built using **HTML5**, **CSS** and **JS**.

Chromatic Polynomial

- An application to calculate chromatic polynomial of the graph upto 10 nodes.
- Internally uses a recursive **Birkhoff-Lewis Algorithm**.

SOCIAL PROFILES

LinkedIn - <https://www.linkedin.com/in/harshvbhandari/>

GitHub - <https://github.com/harshbhandariv>

Personal Website - <https://harshbhandari.me>

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