

# VARUN SWARUP

## Computer Science Engineer

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## EXPERIENCE

### Software Development Intern

#### PepCoding Education

March 2021 - present

#### Web Development UI team

- Built user interfaces and full-stack apps for demos and proof-of-concept that increased the likelihood of a customer contract by 15% using JavaScript ES6, React.js, Redux, Node.js, Express, and integrated REST APIs
- Decreased development time from weeks to days by spearheading tooling and development environments for JavaScript engineers using web-pack, gulp, Node.js, React.js, and JavaScript

### Full-Stack Development Intern

#### Codeacious Technologies

May 2020 - November 2020

#### REGIMAN, an ECIA design registration management

- Lead front-end development, direction, and design on a communication tool, by writing the front-end in JavaScript, jQuery, CSS, and Bootstrap
- Collaborated with users, engineers, product management, designers, and business stakeholders to translate business needs and build applications in a team of 4-8 engineers in 3-5-week sprints
- Reduced bugs in the forms by refactoring vanilla JavaScript into stateful components using React Hooks and ES6

## PROJECTS

### Think Piece

React Firebase

#### A live blogging platform

- Personalized onboarding flow by combining Firebase products to implement querying updating, OAuth, security rules, authentication, and cloud functions

### Grudge and Glory

React Hooks React Context API

#### A grudge version of the to-do app

- Utilised useCallback, useReducer and React.memo to restrict needless re-rendering

### Tweet Stream

Redux Redux-Thunk

#### A real-time Tweet streaming app

- Used Redux Thunk to add asynchronous data to a Redux store by setting up code to fetch from an API

## SKILLS

C CPP Java HTML XHTML  
CSS SASS Bootstrap JavaScript  
jQuery React.js Firebase Redux  
Git GitHub WordPress  
Data Structures SQL  
Algorithm Design & Analysis

## EDUCATION

### B.Tech in Computer Science

#### Guru Gobind Singh Indraprastha University, New Delhi

Aug 2018 - July 2022 (Expected)

★ CGPA 9.022 (Till the 5th Sem)

### Class 12, Pragati Public School

#### CBSE Board

2017 - 2018

★ Percentage 84.8

### Class 10, Pragati Public School

#### CBSE Board

2015 - 2016

★ CGPA 10

## COURSES

### C++ Launchpad

#### Coding Blocks

January 2019 - April 2019

Completed classroom course in Basic Data Structure and Algorithms

### Competitive Programming

#### Coding Blocks

June 2019 - August 2019

Completed classroom course in Advanced Data Structure and Algorithms

## STRENGTHS

- Oral and Written Communication
- Committed to Lifelong Learning
- Reliable and Consistent