



Shubham Awasthi

Competitive Programmer | Full-stack Developer

A programmer with strong motivation and leadership skills. I am a technology enthusiast and always keen to improve.

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EDUCATION

Vellore Institute of Technology, Vellore

B.Tech Information Technology
2017 – 2021 9.05 CGPA (till 6th sem)

Rani Laxmi Bai Memorial Group Of School, Lucknow

Intermediate PCM with CS
2015 – 2017 89.8%

CODING PROFILES

- **CodeChef**: max. 5 stars, 2012 [🔗](#)
- **CodeForces**: max. expert, 1717 [🔗](#)
- **Hackerrank**: 6 Star Problem Solving [🔗](#)
- **LeetCode**: 1664 Rating (max) [🔗](#)
- **Github**: max. 809 contributions in 2018 [🔗](#)

OPEN SOURCE CONTRIBUTIONS (Repo | Org)

- Hackage | Haskell.org [🔗](#)
- Zulip-mobile | Zulip [🔗](#)
- Bluegenes | Intermin [🔗](#)
- Biojs-frontend | Biojs [🔗](#)
- Biojs-backend | Biojs [🔗](#)
- Hslua | Hslua [🔗](#)

PROJECTS

CampDiaries Vol. Management (06/2020 – 07/2020)

- The **JP Morgan Chase and Co.** internship Project.
- A system based on the requirements of an **NGO Camp Diaries**.
- Involved **analysis, development and testing**
- Aims to provide various features with **flexible access control**.

LuaHTTP: A Lua interface to http-client (03/2020) [🔗](#)

- A minimalistic **http client** which uses **Haskell** and **HsLua**
- Powers Lua, a lightweight scripting language, to make **HTTP/S requests**.

Location-based Attendance App (01/2019 – 11/2019) [🔗](#)

- Creates a **lobby** and lets the nearby devices join.
- Based on the **threshold distance**, specified by the admin, it marks the **attendance of attendees**.

FreeSlot (06/2018 – 05/2019) [🔗](#)

- A **timetable management system** built for **Clubs/Chapters**
- It uses **image processing** to extract information from a Timetable Screenshot & provide a free student at the given time.
- An additional **Chrome Extension** to extract the students time table from VTOP (Online portal for VIT Students)

VPN Proxy Server (03/2019) [🔗](#)

- Creates a **proxy server** using a **cloud virtual machine**.
- Allows access to content that is blocked by our location from some other location where the server is hosted.

WatchPush (12/2018) [🔗](#)

- NPM Package that eases the **development** on IaaS platform.
- Uses **GitHub webhooks** to automatically **rebuild and restart** applications as you push changes to your GitHub repository.

ACM Codart, Reverse Coding Portal (02/2019, 10/2018) [🔗](#)

- A portal to provide **code submission** and **evaluation** against **test cases** with the help of **docker containers**.

Easeoauth (06/2018) [🔗](#)

- NPM Package to ease the **OAuth authentication** process of various OAuth providers with just a few lines of codes.

WebCanvass (12/2017) [🔗](#)

- A Web Application where people can **post issues** and their topics of **interest** and have a **discussion** on it.

SKILLS

- Python
- C/C++
- Haskell
- Node.js
- React
- React-Native
- Git/Github
- Backend Development
- Database
- Docker
- SQL
- MongoDB
- Functional Programming
- Hadoop

RELEVANT COURSES

- Database Management System
- Data Structure and Algorithm
- Web Technology
- Object-Oriented and Programming Language
- Object-Oriented Analysis and Design
- Big Data

ACHIEVEMENTS

- Won **First Place** and a cash prize of **₹1Lakh** at **VIT Hackathon 2019** under Mobility Track
- Ranked **309/10000** (India Rank: 98) at **Google Kickstart 2020 round B**
- Ranked **156/19623** (College Rank: 1) at **Codechef May Challenge 2020 Division 2**
- Ranked **44/17663** at **Codeforces Round #674 (Div. 3)**
- Selected as the **top 9th team** of **BeChangeMaker 2018**

EXPERIENCE

Google Summer of Code (GSoC) 2020 with Haskell.org (06/2020 - 09/2020) [🔗](#)

- Improve existing **Haskell-Package-Builder**.
- Update the flow & extract more information out of a Haskell Package.

SWE Intern, JPMorgan Chase and Co.

(06/2020 - 07/2020) [🔗](#)

- Worked in a **team of 6** and experienced **agile SDLC**.
- Built a system using team **collaboration tools** like Jira board and git under some experienced mentors.

Summer Intern, MCN Solutions Pvt. Ltd.

(06/2019-07/2019) [🔗](#)

- Involved in partial fulfilment of an **OAuth based authentication** system using NodeJs.

BeChangeMaker 2018 (04/2018 – 10/2018) [🔗](#)

- A social entrepreneurial training program by **WorldSkills** and the **HP Foundation**.
- Completed all training offered through BeChangeMaker.

Technical Director, ACM-VIT Student Chapter (04/2019 – 03/2020)

- ACM-VIT: One of the most reputed and distinguished technical chapters in VIT.
- Worked on several projects as a core member.
- Managed various projects, events and workshops as the Technical Director.

CERTIFICATES

- Problem Solving (Advanced) by Hackerrank [🔗](#)
- Node with React: Fullstack Web Development [🔗](#)
- Hadoop Platform and Application Framework [🔗](#)
- Database Management Essentials [🔗](#)