

# ASHISH JOSHI

+91 7088185695 [✉ ashishjoshi1623@gmail.com](mailto:ashishjoshi1623@gmail.com) [🌐 LinkedIn](#) [🐙 Github](#)

## Education

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**Graphic Era Hill University, Dehradun**

2018 - 2022

*B.Tech in Computer Science & Engineering*

## Work Experience

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**Cognizant Technology Solutions**

Nov 2022 – Present

*Programmer Analyst*

*Remote*

- As a Programmer Analyst at Cognizant Technology Solutions, I am immersed in applying my skills in **Full Stack Web Development** with a focus on **MERN** Stack technologies.
- Spearheaded critical aspects of an insurance-related project, focusing on **API development**, **user data validation**, and **authentication** processes, ensuring seamless data flow and security.
- Proficiently developed and maintained **RESTful APIs**, implementing robust **validation** mechanisms to uphold data integrity and optimize system performance.
- Played a pivotal role in designing and implementing **user authentication** systems, ensuring adherence to industry standards and best practices.
- Utilized **React.js** to create dynamic and user-friendly **forms**, enhancing the overall user experience and streamlining data input processes.

**AlgoUniversity (backed by Y-Combinator)**

May 2023 – Mar 2024

*Software Development Extern*

*Remote*

- Designed and implemented an end-to-end Full Stack Web application named Trash Codes, encompassing both backend and frontend development with fully responsive design.
- Trashcodes is an online judge platform where users solve coding problems in their preferred language. The platform evaluates the correctness and efficiency of submitted solutions against predefined test cases. Users can also validate their code with custom inputs before final submission.
- It is inspired by widely used online judge applications such as Leetcode, gfg and others
- **MERN** stack used: **React.js** for UI, **Node.js/Express.js** for backend, **MongoDB** for storage.
- REST API used to exchange information securely over the internet.
- Docker is utilized to containerize the backend. Deployment of the backend is achieved through AWS ECR and EC2, while the frontend is deployed using Vercel.
- Got mentorship of senior engineers from **Google London**, **Apple**, **Bytedance Singapore** and **Alphagrep Singapore**, I learned real world software development and learned about scalability.

**Cognizant Technology Solutions**

Feb 2022 – Aug 2022

*Intern*

*Remote*

- Acquired proficiency in the **MERN (MongoDB, Express.js, React.js, Node.js)** stack, augmented by **Azure cloud** computing expertise, to deliver cutting-edge web solutions.

## Projects

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**TrashCodes: A Level-4 Project with industry-level tech stacks.**

[Source Code](#) | [Live Link](#)

- Trashcodes is an online judge platform where users solve coding problems in their preferred language. The platform evaluates the correctness and efficiency of submitted solutions against predefined test cases. Users can also validate their code with custom inputs before final submission.
- An online judge web application for competitive programming. Built with Node.js, Express.js, React.js, and MongoDB. Deployed on AWS backend and Vercel frontend

**ChillFlix**

[Source Code](#) | [Live Link](#)

- Created a Netflix Clone single-page application, faithfully mimicking the popular online streaming platform. Users can easily sign up, log in, and explore an interface that closely resembles the authentic Netflix experience with fully responsive design
- Built with React, Sass, React-Bootstrap, and Google Firebase for backend.

## Technical Skills

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**Languages:** C++ , JavaScript

**Backend:** Node.js , Express.js

**Frontend:** React.js , TailwindCSS , HTML , CSS , Bootstrap

**Clouds & Databases:** AWS , Vercel , PostgreSQL , MongoDB , SQL

**Web Technologies:** Docker

**Developer Tools:** Postman , VS Code , Git , GitHub