

# Ashish Singh

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## EDUCATION

### GGSIU

B. TECH IN Computer Science  
2018-2022  
New Delhi, IN  
Percentage: 91.6 %

### SMJPS

10+2 | New Delhi, IN  
Agg. Percentage: 86.8 %

## LINKS

[GitHub](#)  
[LinkedIn](#)  
[CodeChef](#)  
[Leetcode](#)  
[Medium](#)

## OPEN SOURCE

- Contributed in Hacktober Fest 2019, 2020
- Contributed in GWOC21'
- Contributing in FOSSASIA's Open Event Frontend

## SKILLS

### PROGRAMMING

Over 5000 lines:  
C • C++ • JavaScript • TypeScript • HTML  
Over 1000 lines:  
Java • CSS • Python  
Familiar:  
Golang • Solidity • Ruby • SQL

## Tools & Technologies

React.js • Redux.js • Next.js • Postman • MUI • Express.js • Tailwind • CSS3 / SCSS • HTML5 • VSCode • Git & GitHub • MongoDB • Kafka • React Testing Library  
Familiar:  
Docker • K8S • GraphQL • AWS • Spring Boot • DevOps • WebPack

## COURSEWORK

- Data Structures & Algorithms
- OOPS
- DBMS
- Operating Systems
- Computer Networks
- System Design

## WORK EXPERIENCE

### PAYTM | SOFTWARE ENGINEER

July 2022 - Present | Noida, IN

- Contributing to NAGAD (Operational in Bangladesh) Wallet project.
- Engineered sophisticated UIs independently from inception to completion.
- Analyzed loopholes in code and optimized it.
- Engineered complex bugs and tested all related functionality E2E.
- Maintained code in a well-structured way to ensure extensibility.
- Tech Used: React.js, Redux.js, TypeScript, RHF, Yup.

### PAYTM | SOFTWARE ENGINEER INTERN

April 2022 - July 2022 | Noida, IN

- Developed user friendly UI and contributed to NAGAD Wallet project.
- Debugged code and fabricated common re-usable components to solve code redundancy issues.
- Followed good coding practices and helped build extensible software.

### JWilliamson.INC | WEB DEVELOPMENT INTERN

March 2021 - July 2021 | Delaware, US (Remote)

- Developed complex extensible UI using React.js and AntDesign.
- Engineered a Twitch extension that increased user interactivity by 30%.
- Built discord bots using Python to enhance user experience.
- Worked with AWS services and got familiar with Docker, K8S Architecture.

## PROJECTS

### ClearConnect | [LIVE DEMO](#)

Tech Used: React.js, Node.js, Socket.IO, **WebRTC**, Peer.js, MUI.

- Developed a real-time video chat application from scratch.
- Users can: Video call to anyone using Call ID, Hang-up already existing real-time video chat, accept incoming video call request.
- Key Features: Real-time video chat, Unique ID generation, Copying ID to clipboard. Initiate, Accept and Hang-up call, Responsive UI.

### ThreadIt | [LIVE DEMO](#)

Tech Used: React.js, Next.js, Next Auth, Tailwind, Shadcn-ui, Tanstack-query, Prisma, Google OAuth 2.0.

- Users can: Login using Google, create and join a community, create posts, view posts in feed, search community, logout.
- Key Features: Infinite Scrolling of feed, search debouncing, voting on posts and commenting on posts, reply to comments.
- Used custom hooks to enforce re-usability and used caching to store data.

## RESPONSIBILITIES & ACHIEVEMENTS

- Mentored more than 100 students while being an integral part of core DSA Team at CodeChef ADGTM and 10x Academy.
- Got 8<sup>th</sup> rank out of 150+ teams in "Live The Code" hackathon.
- Earned Global Rank 180 in CodeChef Starters-12 out of 10,000+ participants.
- CodeChef 4-Star (Max)
- Participated in SIH and hackCBS 2.0 powered by MLH.