

# Ayush Kulshrestha

Full stack developer with a solid background in different web and Blockchain technologies with an experience of 6+ years

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## EXPERIENCE

### LoopHealth, Pune (Remote) — SDE-II Fullstack

November 2022 - PRESENT

Majorly leading the Frontend team, performed various activities which improved Loop's product performance significantly. Worked as a full stack dev on 2 major products of Loop.

### Leewayhertz, Gurugram — Technical Lead

January 2018 - November 2022

Started as a Trainee Software Developer and over these years worked on more than 20 projects as a Fullstack and Blockchain Developer, have been part of architecture and schema definitions.

## PROJECTS

### LoopHealth Products - (HR Portal & Ops Portal)

- Implemented lazy loading in the Ops portal, slashing app load times by 3000ms.
- Developed a custom component library, amplifying frontend team productivity significantly.
- Revamped the complete HR portal with new UI/UX within a very short timespan of 6 weeks, which was the major pain point of the sales team, and this was much appreciated by sales team, HRs and all other stakeholders.

Technologies: ReactJS, NodeJS, Typescript, Redux Toolkit, Postgres DB, Firebase Hosting, Firebase DB, Github Actions

### Kinesis Money — [kinesis.money](https://kinesis.money)

Played a pivotal role as a full stack developer for the Kinesis KMS portal, ensuring end-to-end implementation in frontend and backend modules.

Technologies: ReactJS, NodeJS, Typescript, Postgres DB, Stellar Blockchain

### Xeal Energy — [xealenergy.com](https://xealenergy.com)

Technologies: ReactJS, NodeJS, MongoDB, IoT Core, AWS Services.

Roles and Responsibilities: Worked as a Team Lead on this IoT based

## SKILLS

### Frontend:

HTML, CSS, Javascript, Typescript, ReactJS, Redux, NextJS

### Backend & Databases:

NodeJS, ExpressJS, MongoDB, DocumentDB, MySQL, Postgres, Redis

### Cloud & Devops:

AWS: EC2, ECS, ECR, API Gateway, S3, ELB, IoT Core, AmazonMQ  
Devops: Jenkins, Docker

### Protocols:

HTTP, MQTT, Socket Programming

### Other skills:

Rest APIs, Microservice based architecture, Git, Docker, Auth0, Twillio, Sendgrid, RabbitMQ, Git

## Social presence

Github - [ayushkul](https://github.com/ayushkul)

[TheIndianDev](https://www.linkedin.com/company/theindiandev/) (32K+ Dev community)

[The Indian Dev](https://www.youtube.com/channel/UC...) Youtube Channel - 6K+ Learners

application which is for EV chargers automation based on user's inputs.

- Managed a team of 8 Developers.
- Defined system architecture.
- Defined entities and Schemas based on requirements.
- Responsible for Rest APIs and communication to EV chargers
- Devops setup on AWS ECS and Jenkins.

### **WeeTrust** — [weetrust.mx](http://weetrust.mx)

Technologies: ReactJS, NodeJS, MongoDB, Hyperledger Sawtooth Blockchain, AWS Services.

Roles and Responsibilities: Worked as a fullstack developer on this Blockchain based e-signing application.

- Responsible for Rest APIs in microservices
- Responsible for developing the frontend with ReactJS and Redux.
- Implemented Stripe payment gateway.
- Devops setup on AWS ECS and Jenkins.

### **XDC Observer** — [observer.xdc.org](http://observer.xdc.org)

Technologies: ReactJS, NodeJS, MongoDB, Web3 JS, Xinfm Blockchain, AWS Services.

Roles and Responsibilities:

- Managed a team of 10 Developers.
- Responsible for end to end deliveries of modules.
- Defined schema and system architecture of Microservice based systems.
- Implemented blockchain follower, in order to fetch all the events of blockchain using web3 and storing them into DB as per the event.

## **EDUCATION**

### **RKGIT - AKTU, Ghaziabad**

JULY 2014 - JUNE 2018

Bachelor of Technology in Computer Science and Engineering

From Dr. A.P.J. Abdul Kalam Technical University - 78.00% (Hons.)

### **Heritage International School, Aligarh**

July 2011 - June 2013

Intermediate - CBSE Board - 86.00%

## **AWARDS**

**Employee of the Year - 2020**

**Ninja Coder**

**You've made a difference**  
award from CEO

**Outstanding performer**

**Hackathon 2023**

**Winner@Loop**

## **LANGUAGES**

English (Fluent)

Hindi (Native)