ILIYAS ATTARWALA

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WORK EXPERIENCE

Senior Software Engineer   **Jun 2021 - Present**
Recorem   *Chennai, TN (Remote)*

- Leading a team of 4 and coordinating with different teams in deploying the recorem.com web application.
- Architected Event Meetup Platform Backend API and did normalized database designs.
- Developed Job Matching and Recommended Events Algorithm reducing almost 90% irrelevant data.
- Worked on optimizing apis and handling the devops side to handle multiple requests at once.

Technologies: Nodejs, PostgreSQL, MongoDB, Redis, Hapijs, Typescript, AWS EC2, CircleCI, AWS S3, Typeorm, Reactjs

PROJECTS

Deepfake Detection

- Detection of fake videos generated using Deep Learning technology by implementing various layers of CNN.
- 1,24,000 labelled real and fake videos dataset from Facebook was used to train the model.

Blockchain based Digital Identity

- Devised an overall identification system to store documents of the users in Blockchain and verification using Digital Signature.
- Integrated SHA-256 algorithm which generates hash of data to improve data security.

DevChat

- Developed Slack like platform to chat privately and in public channels with easy to use UI and many other features.

Sentiment Analyzer

- Developed a sentiment analyzer using python for ISRO using amazon reviews dataset of last 5 years and introduced aspect based classification improving the usability and accuracy.

TECHNICAL SKILLS

Languages	JavaScript, C++, Python, SQL
Technologies	Nodejs, Typescript, PostgreSQL, MongoDB, Git, Reactjs, Circleci, AWS RDS, AWS EC2, SASS
Concepts/Methodologies	Devops, Blockchain, API Development

EDUCATION

Bachelor in Computer Engineering   **2017 - 2021**
L.D. College of Engineering
CGPA: 9.09 / 10.0
Coursework: Data Structures, Software Engineering, Operating Systems, Database Systems, Computer Networks.

POSITION OF RESPONSIBILITY

- Successfully hosted event Tschlotterbeck Cipher attended by 180+ participants, prepared the questionnaire too.
- Core team member of Innovator Club and organized various coding events in college.

EXTRA CURRICULARS

- Winner of Kaizen'21 a college event for students to showcase and compete on their final year projects.
- Contributed to open source and received badges from Github and goodies from organizations.
- Secured 1st rank in Maths olympiad and 8th rank in NASA olympiad at school level.