Iliyas Attarwala
Computer Engineer

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 Iliyas Attarwala

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EDUCATION

June 2017-Present	**L.D. College of Engineering**, Ahmedabad, Gujarat B.E. in Computer Engineering CGPA: 9.09/10 **Coursework:** Data Structures, Design & Analysis of Algorithms, Software Engineering, Operating Systems, Database Systems, Computer Networks, Object Oriented Programming, Theory of Computation
2015-2017	**St. Xavier's High School**, Ahmedabad, Gujarat Class XII, Gujarat Secondary Education Board Percentage: 93.0%
2015	**Nirman High School**, Ahmedabad, Gujarat Class X, Gujarat Secondary Education Board Percentage: 83.83%

WORK EXPERIENCE

Jan 2020-Sep-2020	**Software Engineer - Intern** **Redefined Corp,** Ahmedabad, Gujarat, India - Architected Event Meetup Platform Backend API and Database and implemented 20+ modules like Company, Payment, Refund, Notification, Job, Event etc. - Developed Job Matching and Algorithm and Recommended Events Algorithm which reduced almost 90% irrelevant events and opportunities for Candidate and events for Recruiter. - Analytics APIs with caching mechanism to reduce server load by around 80%. - Worked on the Frontend and integrations with React.js, Redux and Typescript.
Aug 2019-Nov 2019	**Full Stack Developer - Intern** **Novaturient AI,** Ahmedabad, Gujarat, India - Created 3 modules for virtual online interview environment for interviewees to practice and for companies to take online video interviews. - Automated the interview environment process for the modules generated by experts plus Report generations with 85+ percent accuracy based on user's answers.
Sep 2018-Feb 2019	**Web Developer - Intern** **Moodcafe,** IIM, Ahmedabad, Gujarat, India - Coded Backend APIs and added new features along with performing load testing and unit testing of APIs and optimizing it to accept 150+ requests simultaneously. - Customized the frontend and backend, improved UI/UX, efficiently integrated and implemented 10+ modules.

PROJECTS

Deepfake Detection (In Progress)
- Detection of fake videos generated using Deep Learning technology using various layers of Convolutional and Deep neural networks.
- 1,24,000 labelled real and fake videos dataset from Facebook is used to train the model.
Software: Deep Learning, Python, Numpy, Pandas, Keras.

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.
Software: Node.js, SHA-256, JavaScript.

Sentiment Analyzer
- Developed Sentiment Analyzer model for text feedback for ISRO using past 5 years dataset of Amazon reviews.
- Achieved higher accuracy of 92% by smartly categorizing them into aspect-based categories and low response time by caching.
Software: NLP, Python, Vader, Django, PostgreSQL, JavaScript.

DevChat (https://react-slack-ffcff.firebaseapp.com**)**
- Implemented Slack like platform with private and public channel chatting for users with easy to use UI and innovative features.
Software: React.js, Firebase, Redux, JavaScript.

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, SQL, NoSQL
Technologies: React.js, Node.js, Firebase, SASS, CSS, HTML, Git, JIRA, React Native, Typescript, MongoDB, PostgreSQL
Concepts: Machine Learning, Blockchain, Functional Programming, API programming, NLP, Linux, Mobile App Development