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SAFURA ZAHEER

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EDUCATION

Lucknow, India	**Institute of Engineering and Technology**	**Aug 2017 – May 2021**
Bachelor of Technology	Information Technology	CGPA: 8.62

EXPERIENCE

Software Developer Intern	**Innovaccer, Noida**	**April 2020- June 2020**

- Developed a Sandbox Application on the Innovaccer Dev Portal to demonstrate the capabilities of FHIR APIs.
- Implemented **Auth 2.0** for authenticating the users.
- Designed SDK for FHIR to perform CRUD operation on FHIR resource database and deployed it using **completely serverless architecture**.
- **Integrated** single click deployment to **AWS Lambda** and the **newman** client for deployed APIs to generate the test report to the Gitlab CI/CD.
- **Tech:** HTML | CSS | JS | Python | REST API | newman | sqlalchemy | jsonschema | AWS Lambda

TECHNICAL PROJECTS

Entry Management Software   Nov 2019

- **Designed** a web application that **automates** the check-in and check-out flow of visitors and host for any event and triggers **notifications** to them in **real** time.
- Used inbuilt mail sending functionality of **Django.**
- Usage of SMS Gateway API - **TextLocal** for sending notifications via SMS.
- **Tech:** HTML | CSS | Bootstrap | Python | Django

Url Shortener   Oct 2019

- Developed a URl shortener which shortens the long URls and keeps track of no of clicks for that URl.
- User can edit and delete the newly created Urls.
- **Tech:** HTML | CSS | Bootstrap | Django

Railway News System   Feb 2019

- Developed a website which scraps news from about 30 newspapers and gave notification of news related to railways.
- Implemented NLP for **analyzing the sentiment** of the news.
- **Project endorsed by Central Ministry under Smart India Hackathon-2019 finale (AIR -4)**
- **Tech:** Python | Django | Scrapping | Crawling | HTML | CSS | Dandelion

Price Comparator   Dec 2018

- Developed a web app which goes to different website and fetches data and shows the comparison.
- Implemented **Beautiful soup** for automation and **selenium** for scraping data.
- **Tech:** Scraping | HTML | CSS | Django

ACHIEVEMENTS

- **Led a team (AIR - 4)** in **Smart India Hackathon 2019** for problem statement by **Ministry of Railways.**
- **Ranked among top 5274 teams out of 27000+ teams** in Snackdown 2019- Online Elimination Round.
- **Ranked 202 among 3000 participants in SheCodes'20 by Indeed.**
- **Ranked 1830 out of 11000+ participants:** KickStart Round D 2020.
- **Solved 800+ programming problems:** Leetcode, Codechef, Spoj etc.
- **Mentored** a batch of 250+ students with **Data Structures** from basic to intermediate level.

SKILLS

- **Strength**: Data Structures, Algorithms , Object Oriented Programming, Relational database
- **Languages**: C++/C, HTML, CSS, JavaScript, Python, Django
- **Tools and Technologies:** Web Scraping, Git, Swagger, PostgreSQL, Postman