

MOHAMMED ALAM

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EDUCATION

Guru Gobind Singh Indraprastha University
Bachelor of Technology in Information Technology
Aggregate %: 74.96

Delhi, India
Aug 2014 - May 2018

PROJECTS

<https://supplecent.com>

Web-store for Natural protein start-up

- Designing user interactions on web pages.
- Developing back end website applications.
- Creating servers and databases for functionality.
- Ensuring cross-platform optimization for mobile phones.

<http://www.poshtick.com> Web-Store for Healthy Snacking Options with Home Delivery.

- Developed, tested and deployed robust solutions that are fast, scalable and highly responsive
- Designed and maintained large and complex databases, both relational and non-relational databases
- Established, refined and integrated development environment tools and software as needed .

RESEARCH

A Comparative Security Analysis of Fitness Wearables 2017

Fitness trackers capable of counting steps, measuring heart rates, quality and quantity of sleep and activities are gaining popularity these days. Fitness trackers not only track your activities but also keeps a record of your location very precisely. Data generated by these fitness trackers are used in court rooms and are capable of altering the outcome of a trial. Therefore it is very essential that the information produced by these fitness trackers are protected. In this paper we review eight of the most popular fitness trackers price ranging between 15\$ to 150\$ and check whether the data generated by them can be corrupted or not. Also we identified the flaws in the few most popular fitness trackers and propose the work that can be done to secure them.

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WORK EXPERIENCE

Tata Consultancy Services, BFSI Full Stack Developer (Full-time) Sep 2018 - Present

- Develop visually appealing front end website architecture, including translating designer mock-ups and wireframes into front-end code
- Design user interactions on web pages
- Develop functional databases, applications, and servers to support websites on the back end
- Ensure cross-platform optimization for mobile
- Develop and design RESTful services and APIs
- Ensure that non-functional requirements such as security, performance, maintainability, scalability, usability, and reliability are being considered when architecting solutions.

SKILL SUMMARY

Technical

- HTML5, CSS3, JavaScript, Node.js, SQL, MongoDB, Java

Management

Tools: JIRA, GIT, Jenkins, SonarQube
Development methodologies: Agile
and Scrum

LANGUAGE PROFICIENCY

English (Bilingual proficiency)

German (Professional working proficiency)

Hindi(Native)