AYUSH SINGH GAUR

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EDUCATION

Bachelor of Engineering in Information and Technology   August2014–June 2018

 Maharashtra Institute of Technology - Pune, India

SKILLS

 Programming Languages: Java, C, C++
Database Design: MongoDB, MySQL
Web Development: NodeJS, Angular 8, HTML5, CSS, JavaScript

WORK EXPERIENCE

IBM - Global Business Services (2018 - present)
- Responsibilities include application development along with support and maintenance as per the requirements using Java.
- Build Manager - built and deployed enhancements across the application using bash shell script.

PROJECTS

WEB DEVELOPMENT PROJECTS

Task Manager App (MongoDB, Node.js, Express 4)
- Created a task manager REST API with user accounts and authentication using JSON Web Tokens.
- Techniques for fetching data used - sorting, pagination and filtering. Used SendGrid for sending emails from the application to better connect with different user.
- Used Jest testing framework to create a test suite for the application.

Chat-App (Web-Sockets, Node.js, Express 4, MongoDB)
- A real-time chat app with a client-side companion.
- Features involve – broadcasting events, sharing live location, tracking users joining and leaving

Shared Canvas (Web-Sockets, Node.js, Express 4, Canvas)
- Created an app that will let users draw using their mice and that will display it in large canvas element, and different users would be able to see it in real time as they do.
- The technologies that are used leverage the socket.io for Node.js and AJAX long polling that gives a real time data channel.

Weather App (Node.js, Express 4, e-Git, GitHub, Heroku)
- Created an application to fetch the weather conditions for a given location.
- Used the asynchronous nature of Node.js to make HTTP API requests to third-party HTTP APIs. (https://gaur-weather-application.herokuapp.com)

Notes Taking App (Node.js)
- Used the principles of file system and command line arguments to create a note taking app for faster data entry (CRUD operations).
- Logic includes taking input from the user, converting raw data to JSON and categorizing it by specific keywords to separate similar content.