

ASHISH JANGRA

Software Engineer | Backend Developer



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Profile

Experienced Software Developer with adept in bringing forth expertise in design, analysis, and developing of software systems. Equipped with a diverse and promising skill-set. Proficient in various platforms and languages. Experienced with the latest cutting edge development tools and procedures. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team.

Experience

Ciena | Software Developer

3rd June 2019 - Present Gurugram

PlannerPlus (Cloud Based Product)

- PlannerPlus and Oneplanner features an intuitive GUI to easily visualize network layout and design.
- It Ensures peak multi-layer network optimization for efficient utilization of network assets.
- Contributed by designing and deploying multiple hardware simulating software's on PlannerPlus website from scratch.
- Usual task includes creating MVC API and adding features (like regen support, deletion/creation of service) to the website so that user can plan its network layout and requirements.
- Supporting a common library feeding multi-language and multi-product, namely C# , .Net, java and C++ regardless of the host(micro-service or desktop).
- Improved existing APIs time by eager loading some queries.

OnePlanner (WPF product)

- Worked as a software developer for algorithm team.
- Responsible for implementing and developing simulation algorithms for Layer 0 and layer 1 (OSI model).
- Handling Modeling library to make it cross-platform compatible for both windows and Linux(cloud) based operating system.
- Implementing ORM changes for new objects and making it in sync with C# and java code.

SKILLS

- Language : C/C++ , C# ,Python, JS and React
- Data Structure and Algorithms, Object Oriented Programming, MVC Design Pattern, Agile Development
- Complex problem solver
- DataBases : Postgres,MySQL
- Tools Technologies : Jnibridge , Nhibernate, profiler, TeamCity, Jira, bamboo, DataDog

Education & Certification

Delhi Technological University

B.Tech in Information Technology

Class of 2019

University of Michigan

- Python Data structure
coursera.org/verify/JVU4RM4EVQMS
- Getting started with python
coursera.org/verify/7TDMHGP3SUEQ

R.D Rajpal Public School

AISSCE CBSE

Class of 2015

University of Santa Cruz

- C++ programming
coursera.org/verify/LHS5XVK8ZTCL

JavaScript

- <https://www.udemy.com/certificate/UC-337363d1-6239-498d-8bb0-ab7c5fe2adc5/>

Personal Projects

Music Recommendation System ([Link](#))

Built a recommendation system to personalize content and identify relevant data for the audience by using music data , and figuring out user's interest and recommend the songs that they might want to listen, which platforms like Amazon Music, Wynnk, Gaana.com should incorporate in their applications.

ESP8266 wifi-Module ([Link](#))

The main objective of this project was to control the normal household switches via smart-phone. The component of this project was to use an ESP8266 wifi-module chip which would connect to the local wifi and could be controlled by any smart-phone which is connected to the wifi.

Social Networking Site Clone (on-going)

Creating a clone of facebook with frontend in Reactjs and backend in asp.net core. Added authentication and authorization for user. With CORS and infinite scroll in the frontend. Also used entity framework with postgresql as database.