Pranjal **Jain**

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Education

University Of Petroleum And Energy Studies *Dehradun, India*

B.Tech in Computer Science with Specialization in Cloud Computing And Virtualization Technology *July 2015 – May 2019*
GPA: 7.0

Experience

To The New *Noida*

DevOps Engineer Intern *May 2018 – July 2018*
- Deployment Setup of Aavas Microservice architecture based application on Kubernetes cluster with CI/CD, Centralised logging and monitoring.
- Development of Cloud Automation Portal web application which provision contanier deployment for different tech stacks with auto-mated configuration setup and integrated source code management from Git in Django and Docker API.
- Dockerized complex appications and made custom docker images for Varnish, Redis, MongoDB, MySQL, PHP-Nginx.
- Technologies Used: Python, AWS, Docker, Kubernetes, Ansible, Jenkins, Linux, ELK, Javascript, MySQL, MongoDB

Eatopedia *Dehradun*

Co-Founder and CTO *Feb 2017 – Dec 2017*
- Web and Mobile Application Development
- Chatbot Development on FB Messenger Bot Platfom
- Server Management and Deployment (AWS)
- Business Development
- Technologies Used: PHP, AWS, JavaScript, FB Graph API, MYSQL, DialogFlow, HTML, CSS

Perfectice Edventures

Backend Developer *Dec 2017 – March 208*
- MongoDB Query Optimizaton and worked on aggregation queries.
- Worked on REST API
- Technologies Used : Node.JS, MongoDB

Bodhiminds Inc.

Web And Chatbot Developer Intern *Jun 2017 – August 2017*
- Bult a wordpress plugin for chatbot Integration
- Development of Chatbot
- Deployment of chatbot on FB Messenger Bot Platform
- Technologies Used: Javascript, PHP, MYSQL, Wordpress, FB Graph API

Technical Skills

Programming Languages: C, C++, Python, PHP, JavaScript
Tools/Framework: Git, Docker, Kubernetes, Ansible, MYSQL, MongoDB, Node.JS, IndexedDB
Strongest Areas: Databases, AWS, Algorithms, Progressive Wep Apps, Docker, Linux

Selected Projects And Trainings

Vehicle Routing Problem (College Minor Project) *C, Genetic Algorithms, NP-Hard, Data Structures*

Developmet and Implementation of an optimization algorithm to solve Vehicle routing problem with time windows by Hybrid approach (Clark- Wright then Genetic algorithms) and performance comparison of individual Clark-Wright (Heuristic), Genetic algorithm (Meta-Heuristic) with the Hybridisation algorithm

https://github.com/pranjaljn97/Vehicle-Routing-Problem-by-Clark-Wright-Algorithm

Development of NO-SQL Database Engine *C++, JSON, BSON, B-Tree, Databases*

Builiding a No-SQL Database engine which can perform basic CRUD Operations as well as sorting, searching and stores data in form of Document-Oriented BSON.

Fluid (Open Source Organization GSOC 18) - AChecker

HTML, CSS, JavaScript, PHP, Node.JS, MySQL

AChecker is an online accessibility validator tool which checks the compatibility of a webpage in different browsers and provide the code report for enhancement. I Solved the bugs and enhanced the tool by submitting successful Pull requests to project's repository.

https://github.com/inclusive-design/AChecker

High Performance Analytics

GPU Computing, CUDA, MPI

This workshop is focused on advanced computing technologies like Parallel Computing and GPU computing with the help of Open Power. We executed CUDA programs on multiple GPU processors in this workshop and analysed the performance enhancement over CPU.

Achievements And Awards

Feb 2017	**Best Startup**, Recognized as Best Startup in Google Startup Weekend Dehradun 2017.	*Google Startup Weekend, TechStars*
2017-2018	**Technical Head**, Appointed as Technical Head and organised multiple 48-Hours hackathons and events in order to provide a platform for young students to showcase their skills.	*UPES-CSI (Computer Soceity Of India)*
May 2015	**Scholarship**, Received Scholarship by Madhya Pradesh State Government for 12th Board Merit.	*MP State Government*
March 2016	**Winner**, Won the coding competition Code Hustle in college Annual Tech-Fest.	*UPES- Ignite 2016*
Feb 2018	**Selected for Google Mobile-Web Specialist**, Got scholarship to pursue Google Mobile-Web Specialist Course on Udacity under Google India Challenge.	*Udacity*
Jan 2018	**Open Source Contributer**, Active Contributor to Open source Orginazations Fluid's Project Achecker.	*Fluid*