

EMPLOYMENT

SSDE (Backend Engineering)

Valuefy Technologies

Nov 2020 - Present

Tech: Javascript, NodeJS, Loopback, MySQL, Oracle, ElasticSearch, Redis, Nginx, GitLab, AWS, CI/CD, VMs

- ❖ Developed and automated data-fetching and **aggregation pipelines** to integrate data from external banking systems such as Finacle, Value Research, etc for a wealth management SAAS application.
- ❖ Implemented **caching** and **messaging queues** using **Redis RSMQ** along with **node clusters** for efficiently managing concurrency for optimizing **ETL processing** and data **replication** speeds, resulting in a **40% improvement** in systems ETL performance and a **50%** reduction in errors.
- ❖ Design and developed **REST APIs** for major banking services like Order Management System(for Financial Instruments), Revenue Management System and User Onboarding etc. with **Oracle** and **ElasticSearch** databases.
- ❖ Collaborated with **cross-functional** teams to align backend solutions with frontend and business requirements, enhancing end-user experience and product cohesion with product managers, and **quality assurance** engineers.
- ❖ Worked on **Analytics, Dashboards, Reports exports** (pdf, ppt and excel) with data driven from **Elastic Search Engines** and Customized Calculators for populating tables, graphs and charts based on sectors, geography, assets and instrument categories.
- ❖ **Mentored** and supervised a team of interns and software engineers, and was responsible for their professional growth during their time in the organization.
- ❖ Developed multiple cost-saving solutions by leveraging **open-source Python** and **linux** tools with **Node.js**.
- ❖ Successfully **led** deployment efforts and ensured seamless integration of new features into the production environment using **Jenkins CI/CD pipelines**.

SWE Intern

I-Plexus Technologies

Apr 2020 – Sep 2020

Tech: Javascript, React, NodeJS, Express, MongoDB

- ❖ Developed the backend of an E-Commerce app, responsible for writing **CRUD APIs**.
- ❖ Designed and built a **diff check** algorithm to analyze whether user details have been modified.

PROJECTS

- ❖ **CARING AUNT** (May 2020) (**GITHUB**): Designed and Developed **REST** endpoints for female menstrual tracking and reminder web application. **Tech: NodeJS, Express, MongoDB, JWT/Bcrypt, Twilio, Nodemailer, Node-cron**
- ❖ **PICHUB** (Aug 2020) (**GITHUB**): Build a Social Networking Service Application to connect people, where users can create, upload and share posts with other users. Users can Follow/Unfollow each other and can like or comment on posts. **Tech: React, Redux, MaterialUI, Node, Express, MongoDB, Multer, Sharp, Cloudinary**
- ❖ **MAZE SOLVER** (Mar 2020) (**GITHUB**): Build a Python-based command line tool to find the path to the maze's end. Used Argparse for parsing the input file and NSIS software for creating '.exe' file. Implemented **Backtracking** and **DFS** path-finding algorithm. **Tech: Python, NSIS, Argparse**

TECHNICAL SKILLS

- ❖ Languages/Frameworks: Javascript, Python, SQL, NodeJS, Express, Loopback
- ❖ Database: MySQL, Oracle, Elasticsearch
- ❖ Tools: Kibana, Redis, Git(Gitlab), SSH, Vim, VSCode
- ❖ Familiar with: C, C++, Python, HTML, CSS, React, Redux, MongoDB, Firebase

EDUCATION

Kurukshetra, Haryana

Kurukshetra University

Aug 2015 – Jun 2019

- ❖ B.Tech in Computer Science Engineering.

Remote

AttainU

Jan 2020 - Aug 2020

- ❖ Industry-aligned Full Stack Web Development course using MERN technology.
 - ❖ Acquire knowledge of core software engineering concepts, System Design, Data Structures and Algorithms using Python.
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HIGHLIGHTS

- ❖ Proficient in writing readable, modular and scalable code with good coding standards.
- ❖ Experienced working in startups under hard deadlines and delivering results with 90% success rate
- ❖ Deep diving into legacy code, understanding it and coordinating it with operations and customer-facing teams.