Jaimin Vyas

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EDUCATION

California State University, Long Beach	**California - USA**
M.S - Computer Science - *(Course Work: Advance Algorithms, Advanced Operating System, Data Structures)*	Aug 2023 – Present
Gujarat Technological University	**Ahmedabad - India**
B.E - Information Technology **(GPA - 9.87 / 10)**	Jul 2017 - July 2021

WORK EXPERIENCE

Tatvasoft
Software Engineer   Jul 2021 – Jun 2023
- Developed intelligent data survelliance system with live tracking of data through various system integrations, exports, imports, role based authorizations, systematic data dumping and scheduling of system.
- Successfully integrated Cron Jobs in **NodeJS,** into the existing system through various 3rd parties (**Service-Now, Active Directories of Azure)** by reducing the manual scraping of client data by **45%, Saving Time and Cost Efficiently**.
- Managed a team of 5 developers to hand hold **Agile development life cycle**, participating in all scrum ceremonies like **Sprint Planning**, Daily Scrum using JIRA to plan, track and release, saving planning time by **25%**.
- Constructed the **CI/CD** for the entire project, by using **AWS DevOps tools** and **GitHub Workflows** using **Docker,** increasing the efficiency of the organization by **8 hours per deployment,** while balancing load using **EC2** instances**.**

Tatvasoft
Junior Software Engineer   Mar 2021 – Jul 2021
- Programmed a web solution for insurance management system with **3** in-house projects, using **micro-service architecture** and also **GraphQL API**, by bringing down the load time of all APIs by **33%**.
- Engineered an advanced Hospital Management System utilizing the **Next.js** framework for **ReactJS with Redux**, featuring a robust Super Admin dashboard for centralized website administration, by making **60%** less use of external APIs, by using server side rendering.
- Used **.NET Core 6.1(C#)** for integrating **Zoom APIs** for seamless online patient examinations.
- Integrated multiple **Payment Gateways** for streamlined transaction in various different currencies.

Tatvasoft
Software Engineer Intern   Nov 2020 – Mar 2021
- Conducted the optimization drive for **Database Indexing** to bring down search query result time by **2.93ms** average per query.
- Structured flow diagrams for a large database schema, making it **33%** less complex.

Devotee Infotech
Software Analyst Intern   Jun 2020 – Nov 2020
- Implemented a web solution for cab logistics technology, increasing business by **40%,** using various pretentious algorithms.
- Hosted, Supported and query resolution as per requirements, reducing waiting time for customers by **20%**.

PROJECTS

M-360: (React JS, Node JS, Mongo DB)
- Pioneered the development of **Software License Intelligence Manager** to cut down the prices of software licenses.
- Used **Mongo DB** for relational database to perform dynamic database structure and hosted it on Azure.

Intelligent Customer Support Chatbot: (Python 3, spaCy, Criogen, Angular, .Net Core)
- Designed Chatbot using **Natural Language Processing (NLP)** and **Data Exhort** techniques, making more than **90%** accurate systems.
- Leveraged NLP frameworks, and frameworks like **spaCy** for text preprocessing, enabling Chatbot to learn effectively.

(For more project :- Click Here)

Skills

Languages:	C#, JavaScript, Java, Python 3, GO, SQL, HTML, CSS, C, C++
Web Development:	Node js, .NET Core, React js, Angular js, MongoDB, SQL (all –V)
Frameworks:	Express, Nest, Next, Flask, Redux
Tools:	GitHub, Atlassian, Docker, Jira, Confluence, Source Tree
Miscellaneous:	Azure AZ (CI/CD pipelines, Deployment simplicity, Blob Storage)

ACTIVITIES
- Volunteered **Smart State Hackathon** for various technology enthusiasts in State University and industry experts.
- Organized and managed 8 tech fests as Managing director of **Code Adda Club** of **LJIET**.