




Vinay Haresh Bojja

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EDUCATION

Masters of Science in Computer Science - University of San Francisco, San Francisco, California **AUG 2022 - MAY 2024**

Coursework: Principles of Software Development, Algorithms, Big Data, Network Programming

B.Engg in Computer Engineering - Vishwakarma Institute of Information Technology, Pune, India **AUG 2016 - MAY 2020**

Coursework: Data Structures and Algorithms, Operating Systems, Databases, Cloud Computing

INDUSTRY EXPERIENCE

Ipserlab Startup LLC, California (Project Name: LindoGourmet, Job Role: Software Engineer Intern) **May 2023 - Aug 2023**

- Led on 10+ API integrations, ensuring data consistency, system stability with error handling, and security through authentication protocols.

Virtoustack Softwares Pvt. Ltd (Project Name: Espotz, Job Role: Software Engineer) **Jan 2022 - July 2022**

- Orchestrated auto-seeding and automated betting functions, reducing planned cheating by 40% and increasing revenue by 30-40% through the successful implementation of betting functionality.
- Developed a notification module for a 20% increase in user engagement and introduced flexible stage functionality, cutting manual workload by 30% for Tournament Organizers.

Larsen and Toubro Infotech (Project Name: Nordea Bank, Job Role: Consultant) **Aug 2020 - Oct 2021**

- Successfully oversaw the execution of 15+ SQL batch flows, ensuring timely code adjustments within specified windows for any identified failures, contributing to a 20% reduction in system downtime.
- Played a pivotal role in deploying pre-production to production, managing 100+ pre-production PLSQL jobs, delivering comprehensive analyses to the team, resulting in a 30% improvement in deployment efficiency.

Inprospect Technologies (Project Name: Inprospect, Job Role: NodeJS Developer Intern) **Dec 2018 - Jan 2019**

- Integrated role-based authentication to enforce rigorous access control and bolster security measures within the project.
- Applied private routes for secure authentication, enhancing data privacy and access control.

PROJECTS

Airlines Management System (AngularJS, Spring Boot, hibernate, Html, CSS, Bootstrap)

- Airlines is a web application interface where people can login, look for an available airline between source and destination, book the flight and get a ticket.

TravelHelper - A Hotel Review Website (CS601-Final Project) (MySQL, Jetty/Servlet, Java, Html, Bootstrap, Ajax)

- Improved efficiency by 80-90% by changing data structures and implementation.
- Spearheaded multi-threading which decreased the build-time by 20-30% on large datasets.

Dollar Manager (CS601-Side Project) (MongoDB, Express JS, React JS, Node JS, Html, CSS, Bootstrap 4)

- Developed a web application with a functionality of splitting the money among the friends or group of friends.

Distributed Files System(CS677) (GoLang)

- Engineered a fault-tolerant distributed file system (DFS) incorporating parallel storage/retrieval, Google Protocol Buffers for interoperability, and file recovery.
- Achieved load distribution, scalability, and seamless operation in demanding scenarios. Demonstrated expertise in parallelism, fault tolerance, and leveraging cutting-edge technologies for distributed systems.

Gym Rental Platform (Masters Project) (Next JS, Express JS, Node JS, TailwindCSS, DaisyUI, Sequelize, PostgreSQL)

- Implemented robust security measures in the application, ensuring the safe handling of transactions related to gym equipment rentals, thereby establishing trust among users.

TECHNICAL SKILLS

Programming Languages: Java, C, C++, Javascript, SQL, Python, Typescript, Golang.

Libraries/Frameworks: Node JS, REST API, MongooseJS, ExpressJS, React JS, Jetty, Servlet, Velocity, Bootstrap 4, HTTP, JSON, AJAX, Angular JS, TypeScript.

Databases: MySQL, MongoDB, PostgreSQL, MS SQL Server.

Tools: Github, GitLab, IntelliJ, VSCode, Postman, Sublime, Slack.

ACHIEVEMENTS

★ Got selected for the IoT Challenge 2019, a prestigious national level competition hosted by Radiance 2019 at IIT Bombay.