

MANVIR BATH

San Jose, CA | (408) 406-1852 | manvirthath@gmail.com | GitHub | LinkedIn

Resourceful computer science professional with expertise in crafting innovative software solutions. Skilled in all aspects of the software development lifecycle. Adept at enhancing team performance, and proactively identifying opportunities for development and advancement. Looking for an opportunity where my skills will be fully utilized.

CORE COMPETENCIES

- Well-versed in programming languages, databases, and web-based technologies.
- Experience in working through all stages of a development project.
- Comprehensive understanding of project management methodologies.
- Comfortable developing in a Linux, Mac and Windows environment.
- Possesses a strong understanding of professional software development practice and principles.
- Proven ability to meet the agreed project and customer satisfaction targets and goals.
- Able to interpret a wide variety of instructions furnished in written, oral, schedule, and diagram form.

TECHNICAL SKILLS

Programming: Java, Javascript, Python, HTML, CSS, SQL

Frameworks: React, Django, Bootstrap, Git, Visual Studio, Atom, Cypress, MySQL, Adobe Premiere Pro, Slack, Jira

Libraries: Node.js, numpy, Postman

Certifications: CompTIA A+, CPR

EDUCATION

San Jose State University | B.S. in Computer Science

August 2016 - December 2020

WORK EXPERIENCE

IBM | Data Center Specialist Intern

May 2017 - March 2021

- Applied best coding and object-oriented programming practices to work on various software development projects such as providing convenience for clients to efficiently record machine inventory.
- Led and created a website for devIT to simplify logging the attendees for safety training meetings. Booted up a VM, downloaded LAMP stack to run the apache server, and instantiated the MYSQL server. Created input and login form using full-stack and connected to MYSQL database.
- Read from BIOS to detect and replace defective NIC, corrupt hard drives, unreadable RAM, and bad SATA cables.
- Troubleshoot hardware/software issues for over 500 machines(Linux, Mac, Windows).

PROJECTS

Online Banking App

- npm create-react-app to create the package and set up the environment for ReactJS such as eslint, react-router and django for the backend.
- Divided frontend into multiple components: login, open and close account, transfer internal/external, dashboard
- Imported components from react-google-map api to pinpoint ATM spots by searching location on google maps.
- Applied axios to intercept request and response and transform JSON data to support API calls and react-router to route and redirect throughout the components.
- Utilized cypress for end-to-end testing on the frontend to handle debugging.
- Designed the website using Bootstrap such as the navbar, main page, and several web pages.

Dino & Hangman App

- Recreated Google dinosaur game using p5-react-wrapper(<https://p5js.org/>). Used 2D physics with rectangular objects. Simulated gravity, collision, duck, and jump features.
- npm create-react-app to make a basic package and initialize the environment for ReactJS(babel to convert JSX to ES6, react-scripts to start the app on the localhost).
- Game consists of the main component Game/index.js, which imports Guess.jsx to display prop current questions.
- Created a hangman component using canvas. Utilized componentDidMount life cycle to draw incorrect tries.