

SHYAM PATEL

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EDUCATION

Bachelor of Computer Science, California State University, Monterey Bay Aug 2018 - Dec 2022
Relevant Coursework: Problem-Solving, Data Structures, Design& Analysis of Algorithms, Object Oriented Programming, Database systems, Internet programming, Project Management.

SKILLS

Programming Skills: C++, Java, Python, HTML, TypeScript, JavaScript, C#, Agile, SDLC, MySQL, CI/CD
Tools: Vscode, Linux, Git, AWS, , Azure,Terraform, IntelliJ, Selenium, Kubernetes, Docker
Web Technologies: Nodejs, Reactjs, HTTP, Azure SQL, Rest API, JSON, Ajax, Express, AngularJS, TCP/IP
Soft Skills: Communication and Collaboration skills, Teamwork, problem solving, debugging skill

PROFESSIONAL EXPERIENCE

Software Engineering Intern, Apex IT System Feb 2023 - Present

- Developing scalable and efficient software solutions for Inventory management which improved inventory tracking and order processing efficiency by implementing concepts of **OOPS** using inheritance from existing database.
- Performing **quality assurance** procedures and delivering refactored enhancement of the existing code

Software Engineering Intern, GlobalVox May 2022 - Aug 2022

- Implemented frontend and backend sign-up features using **JavaScript**, **CSS**, **React.js**, **Node.js**, and Express
- Created a **RDBMS** using **MySQL** commands to store data using API **reducing 20% complexity**
- Worked with project development team and **increased user-base by 30%**

Software Engineering Intern, Bitwise Ventures Jan 2021 - Dec 2021

- Designed Web pages using **HTML5** and **CSS Bootstrap** framework, Managed time-sensitive updates.
- Collaborated with backend team using **CRUD operations** and **APIs** to ensure scalability, enabling the system to handle increased data volumes and user traffic which **elevated user satisfaction by 30%**.

PROJECTS

Solar P2P Jan 2022 - May 2022

- Designed and implemented a **Raspberry Pi-based communication service**, connecting multiple devices through displays and rotary dials **using python** for device interaction.
- Developed a full-stack solution, including an **express server** with **HTML/CSS** and **Node.js** for user management and solar system selection. Additionally, created a **Flask-based back-end** for efficient login, registration, planet retrieval, and optimized message processing, **reducing time complexity by 10%**.

Plant Record and Weather App Aug 2021 - Dec 2021

- Created a website for plant researchers, featuring a database of plant research information that **achieved 25% efficiency** for researchers using their logins can access and modify data.
- Developed multiple pages using **JavaScript** and implemented hash function for password, Built a database using **Heroku** and **MySQL** utilized **APIs** to retrieve weather data **enhanced user experience by 20%**.

Library Management Jan 2021 - May 2021

- Developed Library management system app using **Java** and concepts of **object-oriented programming**.
- Designed **UML** and implemented **hash** methods in the class files Resulting **reduction on manual input** by using program **resulting efficacy by 60%** .