Jui Dakhave

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Objective

Seeking a full-time opportunity in Software Development or Software Engineering to gain valuable industry experience.

Education

- **Master of Science,** Computer Science | **California State University**, **Chico**, **USA** | **GPA 3.86** | Graduation: **Dec 2022**
- **Bachelor of Engineering,** Electronics Engineering | **Dwarkadas J Sanghvi COE, India.** | **GPA 4.00** | Graduation: **July 2017**

Technical Skills

Languages: Java, Python, Kotlin, C++, Dart
Application Servers: Apache Tomcat, Nginx
Web Technologies: TypeScript, React JS, JQuery, Spring Boot, Django, Node JS, Vue JS, Flutter, RESTful Web Services, HTML, CSS, Bootstrap, GraphQL
Database: MySQL, MongoDB, SQL Server, Firebase, DynamoDB
Tools: Docker, Google Cloud Platform GCP, JIRA, GIT, Linux, VS code, Eclipse, Maven, Ant, Bamboo, Postman, AWS

Relevant Coursework

Algorithms and Computability	Object-Oriented Programming	Web Technology
Data-structures & Algorithm	Operating Systems	Computer Security
Applied Machine Learning	Web and Mobile App Development	Applied Graph Theory

Professional Experience:

Software Engineer, Sharemoney, USA   **Dec 2022 – Present**

- Implemented and maintained website and mobile app using JAVA with a robust SPRING MVC architecture.
- Designed and integrated multiple APIs for new payers, facilitating seamless transactions and expanding the company's reach.
- Spearheaded the addition of bill payment services into the system resulting in a 30% growth in transactions.
- Streamlined user management processes for agency owners, reducing support tickets by 20%.
- Collaborated in building the user interface for commercial payments using GWT.
- Integrated Onfido's document verification services seamlessly into the platform, enhancing security and compliance measures.
- Solely developed an administrative web interface for managing debit terminals and kiosks using Kotlin, TypeScript, HTML, Bootstrap, and the Spring Boot framework, as well as Thymeleaf templating engine.
- Part of the development team for a React JS application, contributing to the creation of a dynamic and interactive user experience.
- Assisted in reconciliation efforts by matching transactions with payers, ensuring accuracy and integrity of financial records, and generating comprehensive reports for auditing and analysis purposes.
- Played a key role in identifying and resolving bugs to enhance features and optimize performance.

Software Engineer, Infosys Limited, Pune India   **May 2018 – Aug 2021**

- Involved in Requirement Analysis, Project Planning, Sprint planning, System and Database Design, Development, Testing, Implementation and Documentation using Agile methodology like SCRUM, unit testing and fixing various production issues.
- Customized product as per client requirements using Spring, Hibernate, Java, J2EE, and SQL programming. Altered, updated, and enhanced existing systems and applications after performing troubleshooting measures to determine the issue. Analyzed end users need to provide service-level software development.
- Worked in a team to design and develop a prototype called "Award Portal '' for internal purposes for Infosys using MERN technology where I was responsible for front end designing using React JS and database designing using MongoDB.
- Designed and developed multiple web pages using Java, HTML, JavaScript, CSS and fixed various bugs and on existing web pages implemented enhancements to improve speed and functionality.

Academic Projects

Personal Portfolio Website   Next.js | TypeScript | Tailwind CSS | Vercel

- Developed a personal portfolio website using Next.js, Tailwind CSS and TypeScript. Deployed the site on Vercel.

Bucket List Tracker   React | AWS Amplify | AWS AppSync | GraphQL | DynamoDB | S3

- Deployed a 'Bucket List Tracker' application on AWS Amplify, a serverless platform for building and deploying web applications.

- Utilized AWS AppSync to simplify building and managing a scalable GraphQL API.
- Implemented a GraphQL API and schema to allow clients to request only the required data.
- Employed DynamoDB for storing and managing bucket list items. Integrated an S3 bucket for storage of user images.

Algorithm Visualizer   React JS | Redux | HTML | CSS | D3 JS

- Developed a small algorithm course for beginner students to help them understand the working of algorithms through visualization.
- algorithm visualization platform to visualize some famous sorting algorithms and a path finding algorithms. This platform provides some gamification in learning through some quizzes.

Find my Gym Buddy   Python | Django | WebSocket |JavaScript | Vue JS | Google Cloud Platform

- Developed web application that provides you a new way to meet people to work out with. You can create groups or join the group. Send a request to join the group and if the group admin approves your request, you can start working together. Once you are in the group, you can add/delete/edit today's activities and chat with all your buddies. You can also see your progress on the schedule page.
- Implemented using Django Web Framework and hosted FindMyGymBuddy Website on Google cloud.

Decor my Home   Android | Flutter | Google cloud Firebase storage | dart | Google API

- This project aims at design and implementation of E-commerce applications. It provides an online platform to buy home decors. End-user can also create a Wishlist as per his desires. Admin can add new departments/categories/Products and can also update the product availability.

Goldchase   C++| Linux Ubuntu | Shared Memory | Semaphores | Signals | Message queues

- A gameboard to hold multiple players, a bunch of fake golds and real gold. The project uses shared memory and semaphores for creating multiple instances of the executable and accessing the gameboard in a shared manner. Players can broadcast messages or send private messages to other players using message queues and send signals to others to update the map simultaneously.