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Shubham Patel

LinkedIn | GitHub
Portfolio

SKILLS

Programming language	Java, TypeScript, Python, JavaScript.
Web Technologies	React.js, Node.js, Express.js, Angular, Spring boot, Material Ui, Rx.JS.
Databases Systems	MySQL, MongoDB, FireStore, GraphQL, PostgreSQL.
Cloud Technologies	Amazon Web Services: EC2, S3, Lambda, ECS, Backup etc., Google Cloud Platform, FireBase.
Automation Tools	Docker, GitLab CI/CD.
Methodologies	Agile methodology, Design Patterns.
Code Quality	Code smells, Test Driven Development, Clean Code Practices, SOLID Principles, System Design.
Payment Tools	Stripe Payment Gateway.

EMPLOYMENT

Senior Full Stack Software Developer   April 2024 – Aug 2024
Oltre Financial   Halifax, Canada
- Frontend Redesign (100% Redesigned): Rebuilt the Optiml Tax optimization product frontend using React.js and Chakra UI in one month, collaborating with a full stack developer and using Figma for design references.
- Integrated backend services with the new frontend, enhancing functionality and performance, reducing page load time by 40%, and increasing user engagement by 30%.
- Performed integration testing, identified and resolved bugs, achieving 99% uptime and ensuring a smooth user experience.
- Optimized website for 100% compatibility across web, mobile, and tablet views by creating reusable components, reducing code redundancy, and increasing maintainability.
- User Management and Communication Tool: Built an internal software to streamline user management and communication. This tool facilitates efficient mass email campaigns, personalized outreach, and enhanced customer support.
Frameworks: JavaScript, Typescript, React.Js, Chakra UI, Figma, MySQL, Java, Stripe payment gateway, AWS.

Full Stack Software Developer   September 2023 – December 2023
ReelData Inc.   Halifax, Canada
- 30% efficiency boost: Collaboration of two-member team for Automation Environment generation using Flask APIs. Completed solo task for internal tool development for S3 file fetch tool in python.
- 90% user satisfaction: Adapted user interface to hardware changes using React and Material UI in TypeScript. Figma for client interface planning.
- Java Spring Boot for backend and database upgrades using DTOs for database information exchange, Docker containers for test databases, and DBeaver for monitoring database changes in tabular form.
Frameworks: Ubuntu Linux OS, Java, Spring Boot, Python, React, Material UI, Figma, AWS S3, Atlassian suite.

Software Developer   October 2020 – November 2021
TechSolve Solutions   Ahmedabad, India
- Crafted a mobile android app from scratch for searching nearby garages and comparing service prices.
- 10% Optimized Backend Efficiency: Managed backend operations for cloud-based inventory management in Firestore using Spring Boot.
- 20% faster data retrieval: Leveraged Firebase and java for backend infrastructure, real-time data synchronization and automate code building using CI/CD pipelines for android application for garage service price comparisons with social media login/Sign-up options.
Frameworks: Java, Android studio, Firebase, REST API, Git, Gitlab CI/CD

Projects

Trivia Titans | Subject: Serverless Cloud Computing
- 30% increase in user engagement: Collaborated to multi-cloud trivia game (GCP & AWS) with in-game chat, global leaderboard, and social logins. Boosted active players by 25% through social integration.
Frameworks: JavaScript, React, S3, DynamoDB, Web Sockets, Firebase Authentication, Fire store, Lambda, Docker, Cloud Run.

Cocktail Hour | Subject: Advance Cloud Computing
- Designed & launched Cloud-based ingredient info website (AWS) with email notifications, reducing inquiries by 40% & improving UX for 1000+ monthly visitors (Cloud Formation).
Frameworks: AWS Services (S3, EC2, AWS Backup, CloudFormation, API Gateway, SNS), Git, React, Chakra UI.

EDUCATION

Master's in Applied Computer Science   September 2022 – December 2023
Dalhousie University (Halifax, Nova Scotia, Canada)   GPA: 3.8/4.3

Bachelor of Engineering in Computer Engineering   August 2017 – September 2021
Gujarat Technological University (Ahmedabad, Gujarat, India)   GPA: 3.6/4.0