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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.
Security Tools	Wireshark, Nmap, kali Linux.
Methodologies	Agile methodology, Design Patterns.
Code Quality	Code smells, Test Driven Development, Clean Code Practices, SOLID Principles, System Design.

EMPLOYMENT

Full Stack Software Developer   September 2023 – December 2023
ReelData Inc.   Halifax, Canada
- 30% efficiency boost: Part of two-member team for Automation Environment generation using Flask APIs. Solo task for internal tool development for S3 file fetch tool in python.
- 90% user satisfaction: Adapting 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   January 2021 – July 2022
TechSolve Solutions   Ahmedabad, India
- 30% Productivity Boost: Engineered Quantum Hub Portal with Angular, facilitating streamlined information access enhancing productivity.
- 25% Satisfaction Uplift: Crafted a live user chat feature using rx.js web sockets without reloading page, endless scrolling where new content is automatically loaded.
- 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 signup options.
- 10% Optimized Backend Efficiency: Maintained Backend for cloud-based inventory management in firestore using Spring boot. Used Junit and Mockito for comprehensive unit and integration test.
Frameworks: Java, Angular, TypeScript, Rx.JS, Gitlab CI/CD, Firebase, Firestore.

Web Developer (Freelancer)   May 2019 – July 2020
Shantam Villa   Ahmedabad, India
- +26% Revenue Achievement: Successfully implemented a fully functional advertising website for Shantam Villa residential scheme, generating $2,435 in its first year
- Successfully implemented lead generation forms, optimized website performance, translating client needs into a tangible marketing solution.
Frameworks: JavaScript, HTML, Bootstrap, CSS, Netlify.

TECHNICAL EXPERIENCE

Trivia Titans | Subject: Serverless Cloud Computing   April 2023 – July 2023
- 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   January 2023 – April 2023
- 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.

CineScope | Subject: Advance Web Services   January 2023 – April 2023
- 15% performance gain: Constructed an IMDB-like web app with movie clubs, leveraging front/back-end automation for 30% faster dev time.
Frameworks: Typescript, React, NodeJS, Chakra UI for Front-end, Netlify, Render for hosting.

Student Bank | Subject: Advance Software Development   October 2022 – December 2022
- Web Application Creation and Development. Undertook the solo initiative of crafting a web application for banking transactions. Set up CI/CD for deployment automation on Heroku. Caused a 25% decrease in transaction processing times.
Frameworks: Spring boot, Thyme leaf, Gradle, Java, CI/CD, Jira.

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