MehulKumar Bhunsadiya

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TECHNICAL SKILLS

- **Languages**: Java, JavaScript, TypeScript, SQL, HTML, CSS, C, C++, Python
- **Framework:** Spring Boot, AngularJS, Angular 2+, ReactJS, NodeJS, Mockito, Bootstrap
- **Cloud Services:** AWS Elastic Beanstalk, Lex, API Gateway, Lambda, DynamoDB, EC2, AWS CloudFormation, Terraform, S3, SNS & SQS, Firebase, GCP, Kubernetes, GKE
- **Database:** DynamoDB, MongoDB, PostgreSQL, NoSQL, MySQL, Firestore
- **Software and Tools**: Linux, Git, Jira, Postman, Slack, VS Code, Sublime, pgAdmin
- **Concepts and Practices**: OOPs, SOLID Principles, Test-Driven Development, Agile Methodology,

WORK EXPERIENCE

Software Developer, Bacancy Software LLP   01/2020 – 11/2022

- Architected **responsive** web applications with **Angular**, giving prominence to user-friendly interfaces and efficient functionality.
- Optimized application performance by reducing unnecessary API calls, resulting in a 20% improvement in overall efficiency.
- Streamlined codebase by removing redundancy, minimizing repetition, and following coding principles, leading to improved efficiency and reduced application size.
- Engaged with product stakeholders to analyze business requirements, enhancing overall user experience.
- Engineered scalable, real-time, and thoroughly tested solutions to promptly address ad-hoc feature requests.
- Integrated Stripe as a robust payment gateway solution to optimize and streamline the management of user subscriptions.
- Integrated firebase to manage authentication, real-time database, and push notification capabilities.
- Configured **npm** libraries such as, **NgRx/store**, **high-charts**, **ag-grid**, and **angular maps** to optimize application performance.
- Employed Docker, Java, BackboneJS, TypeScript and Bootstrap to architect and develop advanced applications.

PROJECTS

EventSync (ReactJS, NodeJS – ExpressJS, MongoDB, AWS EC2, AWS S3)

- Developed an event management application using **ReactJS** and **NodeJS** with **MongoDB** for personalized event exploration.
- Established email notifications for user signup and password reset through configuration of the **nodemailer** library.
- Established secure user login and access by implementing **JWT**-based authentication and authorization.

Commune (Java – Spring Boot, ReactJS, MySQL)

- Developed a **SaaS** application for exploring and connecting with social communities based on user interests.
- Built **REST APIs** for suggesting communities based on user interests and developed them in **Spring Boot**, adhering to **SOLID** principles, **design patterns**, and robust **exception handling**.
- Applied **Test-Driven Development (TDD)**, achieving over 90% test coverage using Junit for robust code reliability.
- Constructed **CI/CD** pipeline with Git, Docker, Netlify, and Render for streamlined software development workflows.

Todo Web App (ReactJS, NodeJS, AWS Lambda, DynamoDB, SNS, AWS S3, AWS EC2)

- Implemented **AWS** APIs with **CloudFormation** and **YAML** for streamlined deployment and management automation.
- Integrated **API Gateway** to streamline routing and **DynamoDB** as the NoSQL database for improved system functionality.
- Integrated **AWS SNS** for email notifications in user registration and task updates, and deployed applications on **AWS EC2** with **AWS S3** for scalable image storage.

ACHIVEMENTS

- Earned the **Employee of the Quarter** award at Bacancy Software LLP in December 2021.
- Secured the **Team of the Quarter** award at Bacancy Software LLP for outstanding team performance in March 2022.

EDUCATION

- **Master of Applied Computer Science**, Dalhousie University (GPA: 3.61/4.3)   01/2023-08/2024
- **B.E. Information Technology**, Gujarat technological University (CGPA: 8.56/10.0)   07/2016-07/2020