Bhargav Kanodiya Software Developer

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TECHNICAL SKILLS

- **Programming Languages**: Java, Python, JavaScript, C, C++, TypeScript, Kotlin, SQL, HTML, CSS
- **Frameworks**: Spring Boot, NodeJS, ExpressJS, Bootstrap, Socket.io, ReactJs, Angular
- **Cloud Tech & DevOps**: AWS, GCP, Azure, Docker, Kubernetes, EC2, CloudFormation, Terraform, SNS, SQS
- **Concepts**: SOLID principles, CI/CD, Test-driven development, Agile, Object-oriented programming, data structures, ETL
- **Database**: DynamoDB, MongoDB, Firebase, MySQL, PostgreSQL, S3 Bucket, SQL Server
- **Tools**: Jira, Git, Jenkins, Postman, Slack, VS Code, Jupyter Notebook, IntelliJ Idea, Android Studio

EDUCATION

Master of Applied Computer Science, Dalhousie University   Jan 2023 – Present
GPA 3.61/4.3

B.E. Information Technology, G.T.U   June 2017 — July 2021
CGPA 8.45/10

WORK EXPERIENCE

Software Engineer Bacancy Software LLP, Ahmedabad, Gujarat, India   Jul 2021 — Oct 2022

- Suggested flaws and implemented to **80% improvement** in API performance for **Node.js** applications, employing advanced optimizations in real-time WebSocket communication.
- Strategically Built Firebase Functions to architect scalable, **serverless backends**, **optimizing performance** and reducing Platform cost by **75%**.
- Practiced **Agile methodologies**, collaborating with **cross-functional** teams to deliver projects promptly and adapt to evolving requirements.
- Led pivotal **code refactoring** efforts, **elevating code quality** to ensure the delivery of high-quality, secure products within project deadlines.

Software Intern Bacancy Software LLP, Ahmedabad, Gujarat, India   Jan 2021 — Jun 2021

- Produced an **Inventory Management System** using **Node.js** and **React.js** Applied Agile methodologies for iterative development cycles.
- Emphasized best practices to integrate features seamlessly **Received formal appreciation** from the company for delivering a **flawless** project.
- The Agile approach ensured adaptability and collaboration, contributing to project success.

ACADEMIC PROJECTS

AccoMatch: ReactJS, JAVA, spring boot, MySQL, WebSocket

- Led the team and developed a web application focused on facilitating accommodation search for individuals seeking roommates or properties available for lease/rent with automated deployment using **CI/CD**.
- Employed various design patterns and adhered to **SOLID** principles, ensuring a robust and maintainable codebase following the **Model-View-Controller (MVC)** architecture.
- Executed comprehensive testing with **Mockito** and **Junit** by following Test-driven development and achieved **86% code coverage**.

Table Reservation App: ReactJS, NodeJS, DynamoDB, S3, Fire store

- Engineered a serverless table reservation application by using multiple cloud services, seamlessly integrating **Amazon Web Services (AWS)** and **Google Cloud Platform (GCP).**
- Utilized AWS services strategically including Lambda functions, DynamoDB, S3, Lex, SQS, and SNS, alongside GCP services such as Cloud Functions, Looker Studio, and Fire store to reduce API delay by 60%.
- Oversaw the GitLab board to facilitate task management and ensure timely delivery of effective solutions according to deadlines.

Crossify: ReactJS, NodeJS, ExpressJS, MongoDB, Socket.io 🔗

- Formulated and deployed Crossify, a cutting-edge web application enabling users to discover tailored clubs and events, resulting in a **40% boost** in user retention.
- Incorporated cutting-edge **filtering** mechanisms, resulting in a **30% increase** in user engagement through refined search functionality.
- Utilized **socket.io** for real-time notifications, boosting user interaction rates by 40% and ensuring timely updates on relevant activities.
- Employed a **persistent chat system** within the platform, leading to a 25% rise in user satisfaction due to seamless communication.