

Parth Shah

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TECHNICAL SKILLS

Languages: C#, JavaScript, Python, Go, Java, C

Frameworks and Libraries: .NET, JQuery, Bootstrap, React, Node, Express

Developer Tools: Git, Maven, Docker, Kubernetes

Cloud Platforms: AWS, Microsoft Azure

Databases: Microsoft SQL Server, MySQL, MongoDB, DynamoDB

EXPERIENCE

DIMA Engineering PVT LTD

Mumbai, India

Software Developer | .NET, C#, JavaScript, MS SQL Server, Azure

June 2021 - Dec 2022

- Contributed in development of eLabNotes and Hydra using .NET and C# enabling secure data capture, instrument integration, and streamlined lab workflows
- Implemented Entity Framework for database interactions, reducing manual SQL coding by 40%
- Utilized JavaScript to build interactive front-end features, reducing user errors by 30% and improving experiment documentation accuracy
- Integrated CI/CD pipelines using Azure DevOps, reducing release cycle times by 35% and ensuring reliable deployment of product updates
- Composed and optimized stored procedures, queries and database schemas in Microsoft SQL Server, improving data retrieval speeds by 25%

Software Developer Intern

Jan 2021 - March 2021

- Collaborated on building REST APIs to improve data flow across applications
- Worked on deploying internal applications via Azure App Services, streamlining deployment processes

April Innovations

Mumbai, India

Full Stack Developer Intern | ReactJS, NodeJS, Express, MongoDB

July 2019 - Dec 2019

- Assisted in developing a ReactJS web application to automate candidate selection for 1,000+ applicants
- Contributed to developing NodeJS and Express features with MongoDB integration to support data processing and candidate matching

PROJECTS

Music Store | .NET, C#, JavaScript, MS SQL Server

- Developed a full-stack e-commerce platform with authentication, shopping cart, and order management features
- Designed a responsive UI using HTML, CSS and Bootstrap ensuring cross-browser compatibility and also optimized SQL queries, reducing album search time by 35%

Personal Finance Tracker | NodeJS, React, Express, MongoDB

- Built a finance tracking application with expense categorization, recurring transactions, and monthly budget reports
- Developed a responsive React dashboard with data visualizations, improving financial insights and decision-making
- Designed REST APIs in NodeJS/Express to manage income and expenses with secure JWT authentication

AWS Serverless REST API using Go | Go, DynamoDB, AWS Lambda

- Built a serverless backend using Go, AWS Lambda and API Gateway for fast and scalable API responses
- Implemented CRUD operations with DynamoDB, ensuring sub-200ms response times via optimized Go routines

Warzone | Java, Maven, JUnit

- Developed a fully interactive command-line Risk game in Java, supporting multiple game phases and integrated JUnit testing, achieving 90% code coverage and reducing manual QA efforts
- Engineered a CI/CD pipeline using Maven, streamlining deployments and reducing deployment time

EDUCATION

Concordia University

Montreal, Canada

Master of Applied Computer Science

Jan, 2023 - July, 2024

University of Mumbai

Mumbai, India

Bachelor of Engineering in Computer Engineering

Aug, 2017 - June, 2021