

Parva Patel

902-818-2105 | parvaparva2612@gmail.com | [LinkedIn](#) | [GitHub](#)

Education

Dalhousie University (Halifax, NS) <i>Master of Applied Computer Science</i>	Jan. 2025 – Present
L.J. Institute of Engineering and Technology (Ahmedabad, India) <i>Bachelor of Computer Engineering</i>	July 2020 – June 2024

Technical Skills

Languages: Java, C#, Python, JavaScript, TypeScript, SQL
Frameworks & Technologies: .NET, SpringBoot, ReactJS, AngularJS, Node.js, HTML, CSS, REST APIs, JSON
Testing Tools: JUnit, Mockito, Selenium, SpecFlow, MockMvc, AssertJ
Databases: MySQL, PostgreSQL, MongoDB, Oracle
Cloud & DevOps: AWS, Azure DevOps, CI/CD, Docker, Kubernetes
Tools: Git, JIRA, Visual Studio, VS Code, IntelliJ
Concepts: Data Structures, Algorithms, Agile Methodologies, SOLID Principles, Object-Oriented Design, Microservices

Experience

Software Developer <i>AppTrait Solutions (Ahmedabad, India)</i>	June 2024 – November 2024
<ul style="list-style-type: none">Developed and maintained robust, scalable mobile applications for iOS and Android platforms using Java and Swift in an Agile environment.Collaborated with cross-functional teams to translate business requirements into technical solutions, participating in design and architectural discussionsEngineered automated test suites using Selenium, reducing manual testing efforts by 60% and improving product reliability.Implemented CI/CD practices to streamline deployment processes and ensure continuous integration of new features.	
Full-Stack Developer Intern <i>SilverTouch Technologies (Ahmedabad, India)</i>	Jan. 2024 – April 2024

Projects

HelloDoc Typescript, ReactJS, Nodejs, MongoDB, CI/CD, Docker  GitHub	May 2025 - August 2025
<ul style="list-style-type: none">Developed a telehealth platform with appointment booking, doctor-patient chat, and secure video consultations.Improved system performance by 60% through backend optimizations and code refactoring, reducing response times significantly.Built responsive dashboards using Tailwind CSS and integrated Google Maps for location-based doctor searches.	
DalScooter AWS, Python, ReactJS  GitHub	May 2025 - August 2025
<ul style="list-style-type: none">Designed a serverless scooter booking system with AWS Lambda, API Gateway, and DynamoDB, incorporating 3-step MFA for robust authentication.Built a real-time chatbot and notification system with DialogFlow, SQS, and SNS.Implemented sentiment analysis dashboards (VADER/Looker) with 85% accuracy to deliver actionable real-time feedback.	
Snake-AI Game Python, Pytorch, DQN  GitHub	May 2025 - August 2025
<ul style="list-style-type: none">Implemented a Deep Q-Network (DQN) with Target Networks, experience replay, and epsilon-greedy exploration to stabilize training and improve convergence in the Snake game environment.Designed a custom reward system to balance short-term gains with long-term strategies, enhancing the agent's decision-making ability.Trained and optimized the model using PyTorch, achieving consistent score improvements through hyperparameter tuning.	
Dalhousie Marketplace ReactJS, SpringBoot, CI/CD, MYSQL, Gitlab, Designate Java  GitHub	Jan 2025 - April 2025
<ul style="list-style-type: none">Built a secure Spring Boot backend with JWT authentication, Stripe payments, and WebSocket-based chat, applying SOLID principles and reducing boilerplate code by 40% using Lombok and JacksonAchieved 85%+ test coverage with JUnit, Mockito, MockMvc, and AssertJ, ensuring reliability of critical features such as bidding and payments.Optimized MySQL queries and Spring Data JPA repositories for listings and search, cutting API response times and improving overall performance.	