

DAMAN PATEL

Phone: 562-713-6833 | Open to Relocation | daamanpatel9811@gmail.com | [LinkedIn](#) | github.com/Dman9811

EDUCATION

M.S., Computer Science, California State University, Long Beach | **GPA: 3.50/4.0** **Aug 2021 – May 2023**
B.E., Computer Engineering, Gujarat Technological University, Ahmedabad, India | **GPA: 9.68/10** **Aug 2017 – May 2021**

TECHNICAL SKILLS

Languages and Methodologies: Java, JavaScript, Python3, HTML5, SQL, CSS, SAFe Agile, Scrum, SDLC, XML
Libraries and Frameworks: JUnit, JMeter, Node, React, Angular, JQuery, Express.js, Spring Boot, Selenium, AWS Cloud
Tools and Technologies: GIT, Postman, IntelliJ, VS Code, Eclipse, Jenkins, REST API, SOAP, JSON, MS Office, Windows, Linux
Database: Oracle SQL, MySQL, NoSQL, Mongo DB, SQLite, Firebase, ElasticSearch

PROFESSIONAL EXPERIENCE

Software Developer – California State University, Long Beach, California **Sept 2021 – May 2023**

- Built **RESTful APIs** using **Java Spring Boot** in a **Test-Driven Development (TDD)** environment, using **Agile/Scrum** methodology, to build resilient and high-performance applications.
- Constructed and enhanced **Java/J2EE** applications for client-server environments, leveraging software design documentation and incorporating new functionalities.
- Executed **Unit** and **Integration tests** utilizing **JUnit**, **Mockito** and **Spring TestContext** and achieved **90% of code coverage**.
- Utilized **Maven** for dependency management and build automation thus **saving the architecture cost by 30%**.

Software Engineer – Warble Solutions, Ahmedabad, India **July 2018 – June 2021**

- Integrated **Spring Boot microservices** with **AWS Lambda**, **S3**, and **DynamoDB** for seamless data processing and storage.
- Resolved **16+ logging-related** issues by debugging **Log4j** configurations in 4 java projects.
- Automated 20+** test suites for end-to-end testing using **Selenium WebDriver** with **Java**.
- Owined requirement gathering, reviewed functional specifications, full-stack development, testing, deployment, and documentation of applications.
- Established **Single Sign-On (SSO)** for authentication of microservices using **JWT** and **OAuth2**, making the services secure.
- Utilized **GIT** and **Jenkins** for **CI/CD**, containerized applications with **Docker**, and deployed them on cloud platforms.
- Collaborated in a 5-person team to build **SPAs** and dynamic UIs with **React.js** and **Angular.js** for senior clients.
- Communicated with cross-functional teams using **JIRA**, including developers, QA, and project managers, to ensure all team members were aligned on workflows.

PROJECTS

Student Management System (Java16, Spring Boot, Spring MVC, Spring Data JPA, MySQL, Thyme leaf) **Mar 2024**

- Developed Spring MVC features like mapping requests, handling form submissions, and managing views using Thyme leaf templates and Spring Data JPA for database access and Hibernate for Object-Relational Mapping (ORM).
- Achieved 50% performance boost by caching frequently accessed data and increased security by including OAuth2 for authentication and authorization.

Search Engine (Java18, SQLite, JDBC) **April 2023**

- Developed a Search Engine software application following Object Oriented Development and Design principles to index a directory of 150,000 documents using a positional inverted index which resulted in search for query terms in 2ms.
- Implemented unit testing framework with JUnit for unit testing components of the search engine like positional inverted index, query processing, K-gram index, Wildcards and achieved 95% of code coverage.
- Incorporated a disk-based inverted index using SQLite and reduced 5GB memory requirement to 200mb

Amazon Clone Website (React.js, Stripe.js, CSS3 & Tailwind CSS v3.0, Firebase) **Dec 2022**

- Designed an E-commerce Amazon clone website using front-end technologies React.js, HTML and CSS.
- Authenticated user credentials using Google Firebase Auth REST API and handled 500 user logins.
- Collected 5 sensitive user records and implemented secured payments using Stripe.js API.

LEADERSHIP AND INVOLVEMENT

- Awards:** Gold Medal for Academic Excellence (July 2021), Gold Medal in Chess at Ahmedabad University (Dec 2020).
- Member:** International Student Fellowship at CSULB (2022), Chess Federation at CSULB (2022), Reddit (r/BuildaPC).