

DHVANI PATEL

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PROFESSIONAL EXPERIENCE

Amazon (Atlanta, USA) | Software Development Engineer

Oct 2022 – present

- Worked on maintenance of Inventory transfer service for Amazon Go and Fresh. Upgraded MAWS to NAWS helped in bringing significant benefits to the warehouse management process, such as increased efficiency, improved accuracy, and cost savings. Used and configured AWS CloudWatch metrics for better data insights and analysis. I worked mostly with full-stack web development technologies like JavaScript, Java, Angular.js, React.js, and AWS Services like CloudWatch, Metrics, S3, Athena, IAM, EMR, Lambda, SNS, Dynamo DB etc.
- Developed and implemented a custom dashboard using AngularJS to display real-time data and analytics for the company's GroceryInventoryManagement. Improved user experience by implementing responsive design, resulting in increased user engagement.
- Created technical documentation for software testing, including test plans, test cases, and test reports. Also, Deployed Amazon's deployment pipeline Service. Resolved several high-severity tickets to mitigate customer impact.

Gujarat Narmada Valley Fertilizers Chemicals Limited (Gujarat, India) | Apprentice Engineer

Jan 2021 – Jul 2021

- Collaborated with SAP Server infra and different types of modules using ABAP.
- Developed a hospital management system using asp.net that is useful to employees of the company.

Gujarat Narmada Valley Fertilizers Chemicals Limited (Gujarat, India) | Industrial Engineer Intern

May 2019 – June 2019

- Supported in production, maintenance, and troubleshooting of in-house applications of the company. Also, Learned exposure regarding the company's culture and its overall functioning of networking.
- Created DBMS for Blood Bank Management System.

EDUCATION

University of North Carolina at Charlotte (Charlotte, NC, USA)

Master of Science – Computer Science (GPA: 3.90/4.00)

Aug 2022

Gujarat Technological University (Gujarat, India)

Bachelor of Engineering – Computer Science & Engineering (GPA: 4.00/4.00)

Sep 2020

TECHNICAL SKILLS

- **Programming and Scripting Languages:** Java, Python, C#, C++, C, HTML, HTML5, CSS, Bootstrap, JavaScript, Angular, AngularJS, ReactJS, React Native, NodeJS, Express.js, Spring MVC, Py-script
- **Databases:** Oracle RDBMS, MySQL, PL/SQL, MS SQL Server, MongoDB
- **Tools and Technologies:** AWS, GitHub, Eclipse IDE, Android Studio, Visual Studio, Docker, Django, .Net, Terraform, JUnit
- **Management:** Agile Framework, Project Management, Software Development Lifecycle

PROJECTS

FashionInsta (JS/Node-based web application)

Jan 2022 – May 2022

- Developed a web application to provide a feature of trading fashion items. The application developed had enhanced security by using token-based authentication methods. Used Express.js and Mongo DB for the backend and developed the front-end framework using EJS, HTML, CSS, Bootstrap, and JavaScript.

Patients Condition Prediction using NLP (Python-based web application)

Jan 2022 – May 2022

- Developed a project to classify patient's medical conditions based on the provided reviews. Drugs.com did a very fine job of collecting reviews on drugs from online websites, and we used the same database to train the model. Naïve Bayes and Passive Aggressive algorithms were used to train the models. We build 95% accurate model.

Blogging Web Application (Python-Flask Framework-based web application)

May 2022 – Aug 2022

- Created a web application for blogging/feeds, a venue to share their creativity and ideas to a wider audience. This app can be used as an alternative to blogging/feed websites like Quora, and answers.com. I have used HTML, CSS, Py-script, MYSQL, Python-Flask Framework, etc. to build this app.

Local Buddy (Flutter-based mobile application)

June 2019 – May 2020

- Worked on a mobile application which helps society with their locality operations by e-marketing and provides information relating to products, sale, checking the condition of the product, inquiry related to job, local public press which can run on both android and iOS. Implemented by flutter and dart language.

CERTIFICATIONS

- AWS Certifications – Data Analytics Fundamentals, Cloud Practitioner Foundational
- Completed "Learn about flutter dart - The complete guide" course by Udemy and "Full stack web Developer" by LinkedIn Learning.
- AWS fundamental: going cloud-native, AWS fundamentals: migrating to the cloud and Introduction to cloud Identity, cloud computing basics, and Crash Course in data science by Coursera.