

DHVANI RAJENDRAKUMAR PATEL

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PROFESSIONAL EXPERIENCE

Amazon (Atlanta, USA) | Software Development Engineer

10/2022 – 03/2023

- Upgraded MAWS to NAWS as Amazon Go and Fresh's Inventory Transfer Service Manager, improving capability, accuracy, and saving expenditure by 30%.
- Configured AWS CloudWatch metrics utilizing full-stack web technologies to enable better data insights alongside S3, Athena, IAM, EMR, Lambda, SNS, EC2, SQL, Redshift, Kinesis, and DynamoDB.
- Led Amazon's Physical Retail Technology Stack development with AWS services. The optimized supply chain resulted in a 20% increase in efficiency and a 30% reduction in operational costs across multiple Amazon stores.
- Designed a dashboard using Angular and React to display real-time analytics for the Grocery Inventory Management system, resulting in a 40% increase in user engagement.
- Created technical documentation for software testing and deployed Amazon's pipeline service; Resolved high-severity tickets resulting in a significant decrease in incidents.

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

01/2021 – 07/2021

- Collaborated with over 10 clients on SAP server infrastructure, utilizing ABAP modules while managing expectations for timely and efficient data analytics knowledge delivery.
- Acquired data warehousing experience and rolled out effective solutions for clients, greatly enhancing reliability and availability by 25%.
- Contributed to the development of a hospital management system as a team, employing ASP.NET technology.
- Rendered Java tech skills and SDLC proficiency in developing custom applications tailored to client specifications. Achieved an average client satisfaction rate of 90% based on post-project surveys.

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

05/2019 – 06/2019

- Supported in production, maintenance, and troubleshooting of the company's in-house applications, leading to an 18% reduction in downtime.
- Constructed a DBMS for an MNC Client in an agile environment with a team of 5 developers.

EDUCATION

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

08/2022

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

Gujarat Technological University (Gujarat, India)

08/2020

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

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C++, C, C#, HTML, CSS, JavaScript, SQL.
- **Libraries:** Angular, React, jQuery, UX Design, Spring Boot, .NET, Node.js, Express.js.
- **Databases:** MySQL, MS SQL Server, MongoDB, PostgreSQL.
- **Tools and Technologies:** RESTful API, AWS, Google Cloud, Git, Eclipse IDE, Android Studio, VS Code, Docker, Jira, Jupyter, MS Office.
- **Others:** Agile, Project Management, Software Development Lifecycle, Business Analytics.

PROJECTS

FashionInsta (JS/Node-based web application)

01/2022 – 05/2022

- Developed a secure web application for fashion item trading, utilizing token-based authentication methods. Implemented the backend using Express.js and Mongo DB and the front-end framework using EJS, HTML, CSS, Bootstrap, and JavaScript.

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

01/2022 – 05/2022

- Established a project to categorize patients' medical conditions by analyzing reviews using the database collected by drugs.com. Trained the models using Naïve Bayes and Passive Aggressive algorithms, resulting in a 95% accuracy rate.

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

05/2022 – 08/2022

- Devised a web app for sharing creative ideas and content, serving as an alternative to Quora and answers.com. Built using HTML, CSS, Py-script, MYSQL, and Python-Flask Framework.

Local Buddy (Flutter-based mobile application)

06/2019 – 05/2020

- Built a mobile app using Flutter and Dart to facilitate e-marketing, product information, job inquiries, and local news for both Android and iOS users.

CERTIFICATIONS

- AWS Fundamental Certifications – Data Analytics, Cloud Practitioner Foundational, Going cloud-native.
- Completed “Learn about flutter dart - The complete guide.
- Full stack web developer - by LinkedIn Learning, Crash Course in data science -Coursera