

PUJAN PARAGKUMAR PATEL

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[Email](#) | [LinkedIn](#) | [Github](#) | [Portfolio](#)

EDUCATION

University of North Carolina at Charlotte | MS, Computer Science Jan 2021-May 2022
Concentration: Software, Systems and Networks

Gujarat Technological University | BE, Information Technology Aug 2016-Aug 2020
Courses: Operating Systems, Distributed Databases, Data structures and Algorithms, OOP, AI, Compilers

TECHNICAL SKILLS

Languages:	Java, Python, C, C++, JavaScript
Database:	MySQL, SQLite3, PostgreSQL, MongoDB, Hadoop, Spark, Hive
Cloud Technologies:	AWS, GCP, Azure, Docker, Git
Web Technologies:	HTML, CSS, NodeJS, React, Angular, Django, Flask, REST, JSON
Machine Learning:	NumPy, Pandas, SQL Alchemy, Selenium, SciKit, BeautifulSoup, TensorFlow

WORK EXPERIENCE

Amazon.com LLC | Seattle, USA July 2022-March 2023
Software Development Engineer

- Worked with Hero-Cultivator team which focuses on optimizing the ranking for content that shows on Amazon.com homepage's top banner – the slideshow that also shows on the mobile app.
- The team has built mechanisms to either 1) Rank the content there based on customer preferences.
2) Guarantee some high-impact content, like a new device launch on the Hero.
- As an SDE on the team, I worked on Java, React and Native AWS in order to make the internal tooling better for marketers and helped scale the backend to take high Amazon traffic.

University of North Carolina at Charlotte | Charlotte, USA July 2021-May 2022
Graduate Teaching Assistant

- Teaching Assistant for the course “Visual Analytics” and “Computer Graphics”.
- Responsible for going to class to help students with dynamic learning and solving their questions.

Royal Solusoft LLP | Gujarat, India May 2019-July 2019
Software Developer Intern

- Worked on inventory management system project which allowed users to manage and maintain business inventory with ease.
- The project was developed to allow users to add an inventory, delete an inventory, enter inventory quantity and other details, update inventory status and more.

MAJOR PROJECTS

Event Booking Website | University of North Carolina at Charlotte Aug 2021-Dec 2021

- A web portal used to acknowledge people who can plan and join events such as concerts, music festivals, etc.
- Designing a responsive website with easy user interface to acknowledge people about the events which are going to happen in nearby cities or towns. And they can make purchase for tickets or passes of the event.
- Implementing large-scale Mongo DB solutions for better performance and reliability with Node.js REST API's.

Ecological Footprint | University of North Carolina at Charlotte Jan 2021-May 2021

- Cleaned, processed and analyzed 2016 footprint Dataset. Objective of this project was to figure out which countries are using more resources than they produce.
- Developed an interactive dashboard and Included 5 intuitive visualizations. Performed regression analysis and identified correlation and relationship among features.

Online Tiffin Service | Gujarat Technological University Dec 2019-June 2020

- Implemented using Android Studio, written in Java, used PostgreSQL for database management for storing and accessing signup and login forms, this application has interfaces for clients, users and admin and uses an e-payment gateway to place orders.
- Tools used: Java (Eclipse Framework), Android Development studio, .NET framework, PostgreSQL, Lucid Chart, Microsoft Word.